

E W 9 63.01

INDEXED

W. W. TRACY, JR.

1915

Department of Agriculture,
Washington, D.C.

W. M.

EWING

and CO.

SEEDS

PLANTS & BULBS

Offices & Retail Stores.

142-146 MCGILL ST.,
MONTREAL.

Warehouses,
COR. ST MAURICE & ST HENRY

Established 1869.

1905

Catalogues mailed free.

William Ewing & Co.'s Catalogue of Seeds

THIS IS THE THIRTY-FIFTH ISSUE of our *Illustrated Seed Catalogue*, and in presenting it take the opportunity of returning our sincere thanks for the yearly increasing trade with which we have been favoured by the leading farmers and gardeners of Canada, from the Atlantic to the Pacific. We solicit a continued and extended patronage, and respectfully ask our customers to recommend us to any of their friends whom they think may require anything in our line of business.

How to Order.—When ordering, be careful to write your name and address legibly, and say how you want Seeds forwarded, whether by POST, EXPRESS, RAIL, FREIGHT or BOAT, and besides your post-office address, give the name of the station or wharf to which the goods are to be sent.

When to Order.—We would respectfully urge our customers to make out a list of their wants for the coming season, as soon after the receipt of this Catalogue as convenient. By so doing, our work will be made much easier, and orders will be executed and despatched more promptly.

As to Guarantee.—As is the custom in the seed trade, we give no warranty of our Seeds, expressed or implied, nor will we accept responsibility in any way for the crop, nor how they will turn out. All seeds purchased from us must be accepted on these terms, or immediately returned.

New Customers.—Cash should always accompany orders from unknown correspondents, or satisfactory references.

Dissatisfaction.—We must be informed at once should there be any cause for complaint with the execution of an order. We will rectify promptly any error, if it is ours.

Payments.—Wherever practicable, we would greatly appreciate payment with all orders, as the amount of book-keeping and rendering of accounts thus prevented, would net us a considerable saving.

Change of Address.—Customers are earnestly requested to notify us of any change in their address. Catalogues are mailed to all customers, and should the address prove wrong the catalogue is lost.

Seeds not Priced.—Such as Clover, Timothy, etc., are subject to market changes in prices, and upon which we cannot give standing prices. We shall be pleased to quote prices on any such Seeds when desired, such quotations being always for immediate acceptance.

Order Sheets and addressed Envelopes are enclosed in every Catalogue, and Customers are respectfully requested to make use of them when sending their orders. A supply of Order Sheets and Envelopes can be had on application.

Market Gardeners.—Using large quantities of seed will please send for our SPECIAL MARKET GARDENERS PRICE LIST.

City Customers.—Not finding it convenient to visit our warehouse can depend on their post or telephone orders being promptly and carefully attended to. We deliver Seeds, etc., free to any part of the City and Westmount.

Head Gardeners and Farm Overseers.—We keep a list of practical Gardeners and Farmers whom we will be happy to recommend to customers in want of such help.

Seed Cleaning.—We are the only Seedsmen in the Province of Quebec who have made a specialty of this very important matter, and, after spending a great deal of time and money, we are now possessors of the most modern seed-cleaning appliances, and can turn out first-class samples of TIMOTHY, CLOVER and SEED GRAIN at moderate prices. We trust our numerous farming friends will appreciate our efforts in this respect, by giving us their patronage.

In Garden, Flower, and Farm Root Seeds the assortment we offer embraces everything of value to the Gardener or Farmer, and suitable to our Canadian climate.

In Corn, Wheat, Oats, Barley, Etc., we offer a selection ahead of any Canadian Seed House, and including many new varieties. Samples are plump and heavy, and all carefully cleaned for seeding purposes.

In Grasses and Clover we offer all the kinds that are of practical utility in Canadian Agriculture. *Ewing's Re-cleaned Lower Canada Timothy* is known and wanted all over the Dominion by farmers who require the best, and are satisfied with nothing less. The seeds are large, bright, unhulled, plump and well ripened, free of noxious weeds, and of the highest germination. We shall be pleased to send samples and prices on application. Remember that 50c. difference per bushel in price of timothy only means 12½c. per acre. We also offer choice qualities of the different kinds of clover—all carefully re-cleaned and unexcelled in purity and germination. The samples will speak for themselves and be more conclusive than anything we can say.

Incubator and Poultry Supply Department.—We find a rapidly increasing demand in this line, induced to a great extent by our being Canadian agents for *Cypher's Incubators*, and their other manufactures, and which are acknowledged, on all hands, to be the best on the market. See pages 91 to 93 inclusive.

Farm and Garden Tools, Lawn Mowers, Etc., and all **Garden and Greenhouse Sundries.**—We keep a heavy and varied stock of these, including "*Planet, Jr.*" and "*Iron Age*" Implements, for which we are agents. They are the leading tools of the kind, and have a world-wide reputation. See pages 82 to 88.

Spraying Appliances, Insecticides, Etc.—We are agents for the justly celebrated *Spramotor Spray Pump*, the best sprayer yet introduced. We carry a full line of insecticides for Greenhouse and outside spraying.

WILLIAM EWING & CO.,

MONTREAL.

Wholesale and Retail Departments and Office at
142-146 MCGILL STREET, and
Warehouse, Corner ST. MAURICE and ST. HENRY STS. P.O. Box 376.

Telephone, Main 184

INDEX

	PAGE.
Agricultural Root Seeds..	30, 32
Alfalfa Clover	33
Amaryllis..	70
Apple Trees..	77
Araucaria..	71
Asparagus Knives.. ..	81
" Plumosum plant.. ..	71
" Sprengeri plants.. ..	71
Atomizers..	80
Barley..	36
Beans, Horse	37
" Soja..	36
Bedding Plants..	72
Beets, Sugar, field.. ..	31
Begonias (Bulbs).. ..	(Plants 71) 70
Bird Seeds, etc..	29
Blackberries..	78
Bone Cutter..	93
Brackets for Flowers.. ..	80
Brooders..	92
Buckwheat..	37
Bug Death..	79
Bulb Rools	70
Calf Meal, Ewing's.. ..	94
Cabbage..	16, 17
Canadium..	71
Canes, Bamboo..	80
Canna..	(Plants 72), bulbs 71
Carnation..	74
Carrots, Field..	30
Cauliflower..	16
Celery Hiller..	87
Celery..	18
Celery for Flavoring.. ..	30
Cereals..	34, 37
Chrysanthemum..	72
Clovers..	33
Climbing..	(Plants) 75
Cocus Palm..	72
Collections of Vegetable Seeds.. ..	12
" of Flower Seeds.. ..	39
Corn, Planter and Shellers.. ..	87, 88
" Field Varieties.. ..	35, 36
" Sweet or Sugar garden.. ..	19
" Popping..	19
Pea Southern..	36
Cucumber..	19, 20
Cultivators..	85, 87
Currants..	78
Cyperus..	71
Cyphers Incubator, etc.. ..	91, 93
Cultural Directions.. ..	9, 11
Dahlias..	71, 72
Dibbles..	80
Dracena..	72
Fertilizers..	78, 79
Ferns..	72
Flax Seed..	29
Flower Seeds, General List of Annual, Biennial, Tender, Perennial and Greenhouse, in Alphabetical order.. ..	40, 62
Flower Seeds of Hardy Perennials in Alphabetical order.. ..	61, 69
Flower Seeds of Novelties.. ..	5, 7

	PAGE.
Flower Pots..	89
Forage Plants, Seeds of.. ..	36
Forks..	80, 81
Fruit Trees and Small Fruits.. ..	77, 78
Flowering Plants Shrubs.. ..	74
" " Hardy Perennial.. ..	75, 77
Garden Seeds..	13, 24
Garden and Greenhouse Plants.. ..	71, 72
Garden Implements.. ..	85, 88
Gladiolus..	70, 71
Gloves..	81
Gloxinas..	71
Gooseberries..	78
Grapes..	77
Grasses for Lawns.. ..	33, 34
" in mixture for Pasture.. ..	34
Grass Seeds, General List.. ..	32, 34
Grasses, Ornamental.. ..	60
Grevillea..	71
Grubbers, Daisy..	80
Hallock Weeder..	84
Hedge Shears..	83
Herb Seeds..	29
Hooks, Bill, Corn, Tobacco, pruning Grass and Hedge.. ..	80, 84
Hoes..	Dutch 80, Draw 81
Hose Menders..	84
Hot-bed, Directions for Making.. ..	11
Hungarian Grass..	36
Incubators..	91, 92
Insecticides..	79
Iron Age Tools..	84, 86
Jadoo Fibre and Liquid.. ..	78
Kaffir Corn..	36
Kentia..	(Palm) 72
Kitchen Garden Seeds.. ..	13, 29
Knives..	81
Labels..	81
Latania..	(Palm) 72
Lawn Grass Seed..	33, 34
" Mowers..	(Oil Cans, 82) 83
" Top Dressing..	83
" Rakes, Sprinklers and Swings.. ..	83, 84
Linseed Meal..	94
Lilies..	72
Lily of the Valley..	71
Madeira Vine..	71
Magnolia..	71
Mangel Wurzel..	80
Mattocks..	81
Millet..	36
Milo, Maize or Douro.. ..	36
Montbretia..	76
Moss, Dyed..	81
Mushroom Spaw..	23
Mulberry..	77
Oats..	37
Oil Cake and Cotton Seed Meal.. ..	94
Onion Sets, etc..	24
Orange Otahelte..	72
Pears..	79
Peas, field..	38
Peat, Imported Wimbledon.. ..	81
Peat, Orchid..	81
Perennial Plants, hardy.. ..	75

	PAGE.
Pickaxes..	81
Planet Jr. Tools..	86, 87
Plums..	77
Poultry Food and Supplies, Incubators, etc.. ..	91, 93
Pruners, Tree..	83
Primula Plants..	72
Putty Bulbs..	81
Raffia..	81
Rakes..	81
Rape..	51
Raspberries..	78
Reels and Lines, Garden.. ..	81
Rollers..	84
Roses..	73
Rye..	37
Sainfoin..	36
Sand, imported Silver.. ..	81
Saucers, Flower Pot.. ..	80
Saws..	81
Scissors..	81
Scythes..	81
Secateurs..	81
Seed Drills	85, 86, 87
Seeding Flowering Plants.. ..	72
Seed Grain..	36, 37
Seeder, Little Giant.. ..	87
" Cahoon..	87
Shears..	82
Shovels..	81
Shrubs, Flowering..	75
Spades..	81
Sprayers and Spraying Appliances.. ..	88, 91
Sprinklers, Lawn..	84
Spuds..	81
Stakes, Bamboo	80
Stock Food..	94
Strawberry Plants.. ..	78
Sunflower..	36
Syringes..	81
Tares or Vetches..	36
Thermometers..	82
Tin foil..	81
Tobacco..	29
Tomato..	28
Trowels..	81
Tuberoses..	72
Turnip, Swedish..	31
" White and Yellow.. ..	32
Twine, Tar..	81
Vegetables, Directions for Culture.. ..	9, 11
Vegetable Seeds..	7, 13, 29, 72
" Plants..	72
" Novelties in Seeds.. ..	7, 8
Vetches or Tares..	37
Vines and Climbers.. ..	76
Warranty..	13
Watering Pots..	81
Weeders..	81
Wheat..	37
Wheelbarrows..	81
Wheel Hoes..	85, 86, 87
Wild Rice..	29
Wire, Florists..	80

NOVELTIES FLOWER SEEDS

The following list of "Novelties and Specialties" comprises the most important recent introductions, as well as many specialties to which we wish to draw particular attention. In regard to "Novelties," or new varieties of well known flowers or vegetables, though *all* may not be pre-eminently worthy, yet every year sees very many introductions that are so strikingly novel that all who take a particular interest in such matters, and sow some of these new things, will have the gratification of being able to show something out of the common, and thus be well repaid for their trouble and expense.

- | | Pkt. cts. |
|--|-----------|
| ALTHEA, Hybrida Semperflorens Flore Pleno —New. This double annual ever-blooming Hollyhock if sown in March can be planted out in May, and will flower about a week later than the ordinary Hollyhock, and the blooms are just as double and of all the well-known colors. | 30 |
| ANTIRRHINUM, Tom Thumb "Sunlight" Golden Leaved —About 6 inches in height and the same in diameter; Dense foliage of canary yellow. Blooms are rosy white, spotted and striped with carmine | 25 |
| AQUILEGIA, Long Spurred Double Flowering Hybrids —New. The graceful blooms are formed of several rows of cornucopia like petals, in different shades of yellow, light and dark blue and white and all of the long spurred type. Both flowers and foliage are exquisite. A grand acquisition. | 50 |
| AQUILEGIA, Compacta Rosea Flore Pleno —New. On account of its striking profusion of bloom, this fine new Columbine will be found most useful for bedding. The freely branching flower stems produce a mass of very double rich dark rosy-red flowers, which are well set off by the elegant foliage and bushy habit of the plant. | 30 |
| AQUILEGIA, Stuartii —A first-class acquisition. Profuse bloomer, azure blue, with white corolla and golden anthers. | 25 |
| ARDISIA, Crenulata —One of the most valuable and handsomest berry-bearing plants, and particularly popular as a Christmas plant. Produces drooping clusters of small coral-red fruits, which often hang on for a whole year. Sweet scented. | 20 |
| ASTER, Count Waldersee —An entirely distinct form of Aster. Plant forms a compact round bush of 10 inches in height completely covered with blooms (sometimes 200 on one plant), an inch in diameter, of delicate rose, edged with white. | 20 |
| ASTER COMET, Empress Frederick —This superb Aster bears very large flowers, 4 to 5 inches across, of perfect Comet shape and of the purest white. Strong, thick-set habit and unsurpassed for pot culture. | 20 |
| ASTER, Fancy Canary Yellow —Blooms measure up to 5 inch. across, the white ray petals being curled and twisted, while the disc florets are quilled and of a deep yellow. Grand for cutting. | 20 |
| ASTER, Mount Royal Park —Tall. Semi-Dwarf and Dwarf Varieties, separately, each. | 10 |
| A choice mixture of all the very best standard and newly introduced varieties, and which we offer in three different heights, separately. We do not think it possible that a better assortment can be offered, and we strongly recommend it. | |
| CANDYTUFT, Dobbie's New White Spiral —Flowering spikes are fully 6 inches long and two in diameter, closely set with pure white blooms. Flowers all summer and has a distinct and telling appearance | 10 |
| CAMPANULA, Mirabilis —A new Canterbury Bell. Plants form densely branched pyramidal bushes | |

- | | Pkt. cts. |
|---|-----------|
| about 2 feet high, each branch bearing a multitude of pale blue or lilac flowers, at least a hundred blossoms being open at one time, 2 feet. | 20 |
| CELOSIA, Spicata (Argentea Linearis) —The main stem (2½ feet high) bears 20 to 30 side shoots each crowned by a flower spike 3 inches long, of bright rose changing later to silvery white. | 30 |
| CELOSIA, Thompsoni Magnifica —The finest feathered cockscomb yet introduced. Flowers are of all colors from yellow to the deepest blood red. A splendid decorative plant either in pots or open ground | 25 |
| CINERARIA, Ewing's Prize Strain —There is no better strain, and we confidently recommend it to all who desire something extra in this fine decorative plant. | 50 |
| CINERARIA, Stellata (Star Cineraria) —Plants are of graceful habit bearing small flowers in loose panicles. A most valuable plant for Greenhouse decoration, 2 to 3 feet. | 50 |



Cyclamen Persicum Papillo or Butterfly. Page 6.

	Pkt.	cts.		Pkt.	cts.
CHRYSANTHEMUM, Balsamita —New. Grows about 8 inches high and should be planted same distance apart. Makes a charming white bed and keeps a long time in flower.	25		INULA, Glandulosa Laciniata —New. A new hardy perennial growing 2 to 3 feet. Has three rows of ray petals, which are fringed almost up to the disc. Changing shades of orange to golden-yellow and blooms in June.	50	
CHRYSANTHEMUM (Leucanthemum) or Shasta Daisy —Introduced from California. Extraordinary large, pure white and perfect flowers, and bound to become one of the most popular hardy perennials.	25		ISATIS, Glauca —Another new hardy perennial. Growing 3 feet high, and a native of Asia Minor, leaves are beautiful green, with distinct white central rib. The innumerable small bright yellow flowers are borne in large loose racemes, producing a grand effect in June and July. Is a most effective and imposing plant, either in groups or single specimens.	30	
CHRYSANTHEMUM, "Golden Wheel" —New. Flowers assume a peculiar form, the quill-shaped ray florets standing out all round like the spokes of a wheel. Color, a rich golden yellow with purple centre. A profuse bloomer and valuable for cutting.	25		LIGULARIA, Macrophylla —A hardy perennial of noble growth with massive leaves. The immense heads of yellow bloom are borne on long terminal spikes. A most effective plant in any position, 4 feet	25	
CYCLAMEN, Persicum, Papilio or Butterfly —Per packet of 10 Seeds.	\$1.00		LOBELIA, Fulgens, Cardinalis Nanseniana	25	
A new variety of Cyclamen, very showy and colors are varied and striking and the flowers large and beautifully fringed and crimped at the edges.			A new hardy perennial. Is of strong though dwarf growth, with a profusion of brilliant crimson-purple flowers, contrasting well with the dark foliage.	15	
CYCLAMEN, Ewing's Excelsior Strain	75		AFRICAN MARIGOLD, Dobbie's Prize Strain	15	
This strain has been established by years of continued selection of the very finest varieties. Produces blooms in extraordinary abundance, of great size, and most striking colors. A single plant has produced 300 blooms.			FRENCH MARIGOLD,	15	
DELPHINIUM, Speciosum Glabratum	25		This eminent firm spares neither trouble nor expense in order to produce the best strains in Marigold known in commerce, and their Marigolds are universally acknowledged to be such.		
This hardy species was discovered in the Himalaya Mountains. Plant forms a bush 9 to 10 inches high, from which rise spikes of bloom 2 to 3 feet in length, covered with large dark blue shaded flowers, 1½ inches in diameter.			MIGNONETTE, Dobbie's Giant —A robust growing variety, spikes measuring from 14 to 18 inches in length.	20	
DIANTHUS, Plumarius Nanus Double —A new race of dwarf sweet scented pinks, two weeks earlier than any other. About 1 foot high, great variety, of colors, with high percentage of doubles.	25		MIGNONETTE, Bismark —Forms dense bushes covered with thick flower heads of remarkable size, and deliciously scented.	20	
EREMURUS, Himalaicus —A grand perennial growing 6 feet high with creamy white blooms on spikes often 2 feet long. Requires protection in winter.	25		NICOTIANA, Sandera —New. This is one of the very best things introduced for many years and has created quite a furore among European flower lovers and we are convinced will be equally popular in America. Introduced by Messrs. Saunders & Son, St. Albans, England, it received a first-class certificate from the Royal Horticultural Society and has been awarded first prizes and certificates wherever exhibited in Europe, which is proof positive of its great horticultural merit. Plants are two feet high, of bushy and freely branching habit and completely laden from base to summit with large brilliant purplish-red blooms. Sown early, it will commence flowering in May, and continue till cut down by frost. No plant approaches it in point of floriferousness or graceful habit nor hardiness in producing flowers continuously under all circumstances and in every kind of soil and situation. It is equally valuable for planting out or Greenhouse decoration. Original pkt.	25	
EREMURUS, Robustus —Of the same habit of growth as preceding, but with flesh colored flowers.	25		OENOTHERA, Youngi —Is a pretty dwarf perennial. Flowers are of brilliant golden yellow, and contrast finely with the rich dark foliage.	30	
GAILLARDIA, Grandiflora Foliis Aurea Variegata —This new variety differs only from the well-known large flowered perennial Gaillardia in its beautiful golden variegated foliage.	20		PANSY, Ewing's Prize Strain	50	
GAILLARDIA, Grandiflora Semi-Plena —New. Grows about 2 feet high, with long wiry flower stalks, crowned with giant blooms measuring nearly 4 inches across. The ray florets are often placed in two or three rows above each other, hence its name of semi-double. Colors range from light to golden yellow in many cases tinged with claret color, with which the maroon red of the disc florets forms a brilliant contrast.	20		Comprises all the very best strains of FANCY AND SHOW PANSIES, selected from the leading growers of Europe and America, so that in ONE PACKET will be found examples of all the best classes and styles of Pansies, of all shades of colors and markings, with blooms of great size and substance.		
GAZANIA, Hybrida "Blondine" —The Gazania is a charming bedding plant that should be far oftener seen. Bright chamouis and dark orange at base of petals, with white or pale yellow spots.	25		PANSY, Prince Henry —New. An extremely robust growing variety with flowers often 3½ in. across. Brilliant dark indigo with velvety lustre, each petal having a large black-brown veined blotch and the edges are slightly waved.	50	
GAZANIA, "Bianca" —At first flowers are sulphur yellow, gradually changing to white and at the base there are slight purple spots.	25		PANSY, Dobbie's Finest Exhibition Fancy —This firm is celebrated for their Pansies the world over, and we have imported what we offer direct from them. Will produce Pansies of the finest form and in the greatest variety of colors and markings.	50	
GLAUCIUM, Flavum Tricolor —New. Hardy Horned Poppy, a native of Asia, growing about 2 feet high. A free flowerer and keeps long in bloom. The leaves are grey-green, and the large flowers are brilliant orange, spotted with black and yellow.	25		PETUNIA, New Giant Double —An entirely new class of Petunia. Though the flowers are gigantic in size they are produced in great numbers, and comprise all the beautiful shades of color hitherto known among Double Petunias. Per pkt. of 50 Seeds.	75	
HELENIUM, Autumnale Superbum —Produces a single stem which sends out from the top numerous branches each bearing clusters of pure golden yellow flowers, producing a most ornamental effect, 5 feet.	30				
HUNNEMANNIA, Fumariaefolia —An exquisitely showy plant of the Poppy family. Its blooms are sulphur-yellow, and the leaves pointed and graceful. Keeps long in bloom.	15				
INCARVILLEA, Delavayi —A grand hardy perennial with large Gloxinia-like blooms ranging from rose to carmine with golden yellow throat and graceful foliage. Equally valuable for the Greenhouse or outdoor culture, 2 feet.	25				

- PHLOX Drummondii, Cuspidata Albo-Marginatis** Pkt. cts.
—A new dwarf variety with brilliant rose-colored blooms and silvery foliage. 25
- PHLOX Drummondii, Nana Compacta Radiata**
New. Petals unite in the form of a small five-pointed Star. Plants are very dwarf forming miniature bushes literally covered with carmine-red blooms with two white stripes on each petal. A charming and unique novelty. 25
- PHLOX Drummondii, New Silver-Leaved (Star or Cuspidata)**
—Leaves are edged with pure white. Plants grow 1 foot high, and the flowers, some of which have toothed edges and some fringed, are rose and carmine in color, thus forming a delightful contrast to the variegated foliage. 25
- PRIMULA, Arctotis Hybrida**
—Of very compact growth, blooming freely in early spring, and of all shades of color. A beautiful hardy plant. 30
- PRIMULA, Sinensis Fimbriata, Ewing's Prize Strain** 50
This strain has been saved from the largest flowered and strongest growing plants of the very best named sorts, and showing the finest fringed blooms as well as the most striking colors.
- PRIMULA, Sinensis Fimbriata, "Reve d'Or," or Golden Dream**
—Bears boldly fringed flowers of a rich yellow color assuming a paler shade towards the edges. The foliage is light green, finely lacin-tated and slightly crisped. \$1.00
- PYRETHRUM, Roseum Hybridum Grandiflorum**
—A grand strain of this fine hardy perennial, producing blooms 3 inches in diameter, and includes all the beautiful colors, ranging from richest carmine to delicate light rose. 30
- RUDBECKIA, Bicolor Superba Semi-Plena**
—A splendid semi double variety with neat yellow flowers spotted with brown. 25
- RUDBECKIA, Fulgida Variabilis**
—New. A new hardy perennial of remarkable beauty. Plants grow three feet in height, are of bushy habit with long flower stems and are literally covered with flowers of the most varied and unique markings. Blooms vary in size from 2 to 3½ inches in diameter. Ground color is yellow or bronze, some being striped with purplish brown, while in others the petals are brown half way, then yellow, finally again merging into brown. Keeps in flower all summer. 30

- SCABIOSA, Caucasica Perfecta**
—A fine showy, hardy perennial, the handsome flowers bearing 3 to 4 rows of finely fringed ray florets, the colors being various shades of Lilac. 30
- SIDALCEA, Listeri**
—Is one of the finest border plants. Of a delicate satiny pink—with blooms borne on long branching stalks, and flowering profusely throughout the whole season. The spikes, when cut, stand well in water, making it most useful for decoration. 30
- SINNINGIA, Regina Hybrida**
—New. A grand acquisition in Greenhouse plants, belonging to the Gesneria family. Blooms are larger than those of the Gesneria and not so drooping, and vary in color from light rose to pale and deep lilac, and the wealth of bloom far exceeds and is of much longer duration than the Gloxinia. Blooms are borne on long flower stalks, and one of its many merits is that, even before blooming, it is a remarkably fine foliage plant, many of the leaves attaining a size of 8 by 6 inches. Treat same as Gloxinia or Gesneria. 50
- STATICE, Sinensis**
—Flower stalks are about 18 inches high and the flower panicles are pure white alternated with yellow. Invaluable for cutting, as the flowers are equally useful fresh or dried. 15
- WINTER STOCK, Beauty of Nice**
—New. Under good cultivation plants of this lovely Stock attain a height of 2 to 2½ feet with flower spikes about one foot long. All round the central stem are sent out numerous side shoots loosely covered with fragrant flowers nearly 2 inches across. Color is a fashionable delicate shade of fleshy-pink. A grand pot plant and of equal value in the open ground. 30
- WINTER STOCK, Queen Alexandra**
—New. An improvement on the preceding, this splendid new variety produces flowers of a delicate rosy-lilac tint of incomparable beauty most useful for cutting. Throws up a centre spike about 1 foot in length surrounded by numerous side-shoots all covered with beautiful large blossoms. The percentage of doubles is very high, and seedlings come quickly into bloom; for Greenhouse decoration is equally valuable as a summer or winter flowering stock. 30
- VERBASCUM, Spiral**
—A newly discovered hardy perennial of great beauty. It is peculiar in habit, producing numerous symmetrical branching spikes from 6 to 8 inches long, growing out from the main spike, in Candelabra form. Blooms are salver-shaped, pale yellow with downy violet filaments, and placed closely on the stems. Keeps a long time in bloom. 25



- BEET, Bonsecours Market**
—One of the best halflong varieties in cultivation, neat shape, uniformly smooth and good color and flavor. Is a very heavy cropper and a great favorite with market gardeners and we strongly recommend it. lb. 90c.; ¼ lb. 35c.; oz. 15c. 5
- BEET, Martin's Exhibition Long Black**
—Long tapering roots of the deepest black color, to be found in any Beet. A fine Exhibition variety. oz. 20c. 10
- BEET, Dobbie's New Purple**
—For form, smoothness, color and quality this sort is unequalled. 15
- BORECOLE or KALE, Dobbie's Victoria** 15
Grows from 20 to 24 inches high and produces medium sized leaves that are exquisitely crisp and curled. Sprouts freely after the heads have been cut and these sprouts are delicious when cooked as spinach.
- BRUSSELS SPROUTS, Dobbie's Selected** 10
Has been carefully grown and selected for years, and

as an Exhibition variety, or for general crop, cannot be surpassed.

- CABBAGE, Bamberg Earliest**
—This new Cabbage is earliest of all. It forms large and uncommonly firm heads of a light green color, which, when cooked, are tender and of good flavor. Will probably soon take the leading place among the Early Cabbages. 10
- CABBAGE, Cannon Ball Danish, Extra Selected Stock**
—Heads are nearly round in shape, and in every way it is a distinct variety of fall or winter Cabbage. There is no variety that approaches it in solidity. It is saleable very shortly after the Henderson's summer, and is equally good for storing, as it is a splendid keeper. A head of it will weigh 50 per cent. more than one of similar size of Fottler's. Every plant produces a head. Every market gardener should grow it. lb. \$2.50; 1-4 lb. 75c.; oz. 25c. 5



Pkt. cts.

CAULIFLOWER, EWING'S SELECTED DWARF

EARLY ERFURT—Very early; pure white large flower. Forces well and is also the favorite for outdoor culture. We have obtained our supplies from the same celebrated grower for many years past, and we know no strain excels it for purity, compactness of growth or certainty of heading. Oz. \$2.50; ½ oz. \$1.40; pkt. 25

CAULIFLOWER, Ewing's Queen of the Danes

Erfurt—Last season this new sort turned out to be fine, either when forced or grown in the open. It is large, early and the heads are pure white and very solid. oz. \$2.50; ½ oz. \$1.40. 25

CELERY, Dobbie's Invincible White—Tall growing sort, very crisp, solid and well-flavored, and not liable to run to seed. A fine Exhibition variety. 15

CORN, EARLY MARKET SUGAR, NEW—This new sort produces the largest ears and of the sweetest flavor of any truly Early Sweet Corn in cultivation, and must become popular alike with the market and private gardener. Stalks grow 5 to 6 feet high, each bearing one to two ears 10 to 12 inches in length. Cobs and Kernels are pure white and the latter particularly tender and of true sugary flavor. It is exceptionally free from fungus growth and smut, is as early as Corey, and as sweet as Stowell's Evergreen, and in productiveness none excel it. lb. 20c.

CUCUMBER, "Fordhook Famous"—This grand new variety "Extra Long White Spine" cucumber possesses all the qualities that go to make a perfect cucumber. Of beautiful form and exquisite flavor it will most certainly prove a most popular variety. Fruits are handsome in form and beautiful dark green, are perfectly smooth, always grow straight and are from 12 to 18 inches long. Vines are exceptionally vigorous and proof against insect attacks. Is a very heavy cropper. In short, is the best looking and best flavored cucumber in cultivation. 10

LETTUCE, White Giant Cabbage, New 10

Though of enormous size the heads are extremely tender and succulent and of the finest flavor. The leaves are light green, changing to yellow towards the centre, and it hearts up very evenly.

LETTUCE, "May King Cabbage"—Introduced last season. A splendid improved early outdoor cabbage lettuce, and succeeds equally well in a cold frame. Neither cold nor wet weather affects it in the slightest. A rapid grower producing splendid globular heads two weeks ahead of any other sort. Outside leaves are yellowish green with light brown tinge, and inside a beautiful golden shade. In flavor unexcelled. 10

Pkt. cts.

MELON, Montreal Improved Nutmeg—Sorry we cannot offer this year on account of it being practically impossible to save melon seed here last year.

MELON, Bujukdere—Round, smooth, light yellow skin, with green spots or stripes. Flesh snow white, thick and juicy and of finest flavor. 10

PARSLEY, Dwarf Perfection—Exquisitely curled and of bright green color. Makes handsome pot plants. . 10

PARSNIP, Dobbie's Selected—Its size, smoothness and solidity has caused it to be recognized as the best Exhibition variety. 15

PEAS, Sutton's A 1—Early wrinkled Pea, growing from 3 to 4 feet, the haulm being literally covered from top to bottom with handsome pods of peas of the true marrowfat flavor. Per lb. 30

PEAS, Sutton's Perfection Morrowfat—Per lb. 30
Of strong branching habit, so it requires ample space between rows. Peas are deep green, and unsurpassed for size and flavor. Second early, 3 feet.

PEAS, Sutton's Matchless Morrowfat—An Exhibition Pea of superb quality; slightly curved pods, with 10 to 12 peas in each. Second early, 3 to 4 feet. Per lb. 30

PEAS, Cooper's Prince Edward—Withstands both drought and mildew well. Pods are from 5 to 7 inches long, mostly in pairs and closely packed, with 11 to 13 dark green peas of most mellow flavor, 5 feet. Per lb. 30
Please note that these varieties of English Peas are all of delicious flavor and extra large.

PEPPER, Lucullus—Highly decorative. Grows 12 inches high, with one vigorous stem, producing a profusion of upright fruits, forming a dense bouquet from which no leaves appear. Fruits dark red and orange. 10

RADISH, Danish Olive Shaped Forcing—New. The earliest forcing variety. Bulbs are of a brilliant rosy carmine colour, with a well defined white tip. We are assured this is a valuable introduction. 10

RADISH, Crimson Giant Forcing Turnip—An entirely new type of Radish, the roots growing twice the size of any other forcing variety, without getting pithy or hollow—developes roots often 6 to 7 inches in circumference, and weighing an ounce. Flesh is pure white, firm and crisp. It varies a little in form, some roots being round, others inclining to oval, but all of a deep crimson colour. Every one should try it. 10

RADISH, "Salvator Summer"—"Early white Forcing." A new round variety introduced last season by a famous German grower. Produces fine spherical white bulbs 2 to 2½ inches in diameter, and weighing 4 to 6 ounces when full grown. The radishes are solid, fresh and juicy, and under glass are ready for use within six weeks of sowing. Is exceptionally valuable in the open ground. 10

TOMATO, Ever-Bearing—A great bearer. Fruit is scarlet, plum-shaped, and produced in clusters (often 50 in one cluster). Is not large, but solid and of fine flavor. Is very early, and keeps on bearing until frost comes. 10

TOMATO, Livingston's New Globe—The fact that this is another new tomato, originating with the Livingstons, of world-wide tomato fame, will be sufficient to warrant most growers of fine tomatoes to give it a liberal trial. It is of beautiful globe shape, with quite a percentage of elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat fruited sorts. Among the very first to ripen, although of large size; very smooth, firm fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short jointed, branching plants in great abundance—literally loaded with fruit. A good general cropper, and one of the very best for greenhouse growing or first early crop on stakes or trellis. 25

TOMATO, Chalk's Early Jewel—A new and valuable early all-purpose tomato. Although not quite so early as "Earliana," the fruits produced are larger, handsomer, and of excellent quality. An abundant cropper, and a valuable introduction well worth a careful trial. Pkt. 10

TURNIP, Dobbie's Selected Model White—Perfectly

globular in form and smooth, of remarkably fine quality, and the earliest of all varieties. A sure prize winner. Pkt. 10

TURNIP, Dobbie's Selected Golden Ball—In form it is identical with Model White, but it is of the deepest golden yellow, and the skin smooth as a glove. Pkt. 10

CULTURAL DIRECTIONS. Vegetables.

We have thought it advisable to include in our Seed Catalogue a few hints or suggestions on cultivation. These remarks are necessarily brief, and are only **intended for amateurs**, and should they be of benefit to any of our customers we shall be pleased. To grow vegetables successfully the proper treatment of the soil is of paramount importance, and if the soil is not suitable, it should be made so, as far as possible. If it be **really wet** or waterlogged, it should be underdrained, but this is not always possible in small gardens; however, where deep cultivation is practiced from year to year, underdraining is not absolutely essential. A fairly heavy loam is the best soil for vegetables, but by judicious treatment, almost any kind, that is not too wet and of fair depth will return satisfactory results, but shallow ground can only be improved and rendered useful by drawing soil on it, and using plenty of manure.

The top soil must be rich, and whether it be decided to trench or drain, the manuring must always receive first attention, but at the same time the state of the subsoil has much to do with the growing of crops. If the subsoil be too porous, something must be done not only to enrich it, but help to retain moisture as well; or if the subsoil is cold, hard clay, it should be loosened up and enriched and made more porous. **Gravelly soil** or where the subsoil is gravelly, or a poor sand can be improved by what is called "bastard" trenching, which is a very simple operation. Open a trench 2 feet wide by a foot or more in depth, across the end of the ground intended to be trenched, and remove the earth taken out to the opposite end of the plot being operated on (the soil thus removed being used at the finish to fill up the last trench). Dig the bottom of the trench thus made (a full spading deep) giving it a heavy coating of cow dung and a quantity of good clay to be thoroughly mixed with the dung in digging, this will be very beneficial in holding moisture. The top soil of the next two feet should be turned over, filling up the trench made, thus leaving another trench open two feet wide, which treat the same way and fill in with the next two feet of top soil, and carry on the same system till the plot is finished.

Heavy Clay soil can be improved by the same method of trenching, but when digging the bottom of the trench, strawy stable manure, leaves, sand, gravel, lime or anything that will tend to render the subsoil less impervious to water should be used. If this method is pursued for a year or two a gravel pit on the one hand, or clay soil underlaid by hard pan as impervious to water as cement is, can be converted into fairly fertile soil.

Thorough Trenching, that is completely reversing the soil, putting the top soil in the bottom and a spading of subsoil on top, is of great advantage to gardens whose subsoil is neither wet nor barren, and have been long under cultivation, and annually treated to a heavy manuring. It makes new soil as it were, and with such soil as referred to, should it not be convenient to trench it, and especially if it be of a stiffish nature, it will be found beneficial to withhold manure for a season, and, instead, spreading broadcast phosphate of some kind, and lime, at the rate of 400 or 500 lbs. per acre. This will sweeten the ground and liberate certain fertilizing elements that will greatly promote the growth of plants. In general gardening, however, and in all conditions of soil, careful digging (in the fall of the year), that is, driving in the spade to its full length, lifting the soil intact, and by a quick twist of the wrist, turning the spadeful completely upside down, is imperatively necessary. Then in the spring of the year, lightly fork over (mixing in some well rotted manure) and rake before sowing seed or planting; these operations always being performed when the ground is dry. Heavy land should, if possible, have Horse Manure, and light, free soil, Cow Manure. New manure may be used in the fall, but in spring it should be well rotted, and not deeply dug in.

Weeds.—In small gardens these pests can only be got rid of by constant attention. Never allow a weed to go to seed; keep the Dutch Hoe going between the rows, and very little time need be expended in hand weeding in the rows, but both operations must be constantly attended to. Perennial weeds, such as couch grass, etc., can be exterminated, if every blade is cut off whenever it makes its appearance, for any plant will die if the leaf is never allowed to grow.

Really good digging and careful cultivation, at the right time, with half the quantity of manure generally used, will produce better results than when proper cultivation is not given. We may cheat one another, but the soil we cannot cheat—if we work it right it will respond satisfactorily, and if we don't, it won't; so we hope our customers will all bear this in mind.

Sowing.—Never sow seeds when the ground is wet for the necessary firming of the soil around the seeds is apt to make the surface so hard that small seeds can only with difficulty rise through, and planting should always be done before rain, rather than immediately after it.

Surface Cultivation must be frequent, not necessarily deep, but enough to break up and keep the crust of the soil perfectly free and friable, and this must be specially attended to a couple of days or so after heavy rains. Following will be found a few cultural hints, which we hope will be of some advantage to those entirely unacquainted with gardening, or who have paid but little attention to their garden in the past.

Beans.—To secure a succession of Dwarf Beans, make successive sowings from May till middle of July, in rows 1-2 to 2 feet apart, covering the Beans 3 inches. Thin out to from 4 to 6 inches, and slightly earth up. Commence picking when pods are going, and the plants will thus continue producing for quite a time. Make sowings of Pole Beans about same time as the dwarf varieties, in rows 6 to 10 feet apart, leaving 6 to 9 inches between plants. Stake when plants are well above ground, and when rows are 10 feet apart, some dwarf growing vegetable can be sown between. In "hills" drive in poles 4 feet apart planting 4 or 5 beans round each, tying to poles as beans grow. Can also be trained on fences or other erections that would be improved in appearance by being covered with foliage.

Beet.—Make drills 1 inch deep, and from 1 to 1-2 feet between, and sow early in spring. As plants grow, thin out to from 4 to 6 inches, according to size of variety, keeping in mind that medium sized, good-colored roots are best. Too rich soil and too much space, produce large, coarse roots. Never use manure in spring. The thinnings make the best of Spinage.

Cabbage, Savoy, Cauliflower, Brussels, Sprouts and Kale.—Plants of these are generally bought by amateurs, so will omit directions as to raising from seed. To grow to perfection, the soil should be heavily manured, well cultivated during period of growth and must never be allowed to suffer for want of water, if such is obtainable. Plant in rows about 2 feet apart and from 12 to 18 inches between plants, according to size of variety.

Carrot.—Use nothing but well-decayed manure, applied the previous autumn, when the ground should have been deeply dug. Sow early in drills about 1-2 inch deep and 9 to 12 inches apart, thinning out from 2 to 3 inches for early Carrots. As they become large enough to use, continue the thinning, until plants are 6 to 7 inches apart. In heavy clay, long varieties can be successfully grown for Exhibition by making holes a foot deep with a crowbar or a piece of wood, pointed, and the holes filled up with a compost of rich earth and sand, and a few seeds sown on top.

Celery.—For early use, seed should be sown in a box in the house, early in March, and, when plants are fit to handle, transplanted into other boxes, 2 or 3 inches apart. In May again transplant into a well prepared bed outside, 5 or 6 inches between plants, where they can stand till wanted to plant out in trenches in June. To avoid the trouble, amateurs can always buy what plants they want at planting-out time. To have early Celery, it should be grown in trenches. Dig out a trench (throwing the earth to either side equally) say one foot deep, and one foot wide is enough for a single row—if for a double row, it should be 1 1-2 to 2 feet wide. Dig into the bottom of the trench a good supply of well-rotted manure and rake smooth. Dibble in the plants 6 to 8 inches apart either in single or double rows, giving a slight dressing or nitrate of soda. As plants grow, fill in the earth from the sides to blanch the stems, being careful that none gets into the heart of the plants. Continue earthing up till well on in September. When wanted to be stored in a cellar for use through the winter, it need not be blanched, but grown in beds 4 feet wide, the rows 1 foot apart, and 8 inches between plants. Water copiously during dry weather.

Cucumber.—Can be easily raised in the open ground, and, when only a few are required, had better be grown in hills, 5 feet apart. Make a trench about 18 inches deep and 3 feet in diameter, and fill up with horse dung, tramping same down firmly, and then cover over with 9 inches of rich, light soil, so that over the manure the ground is slightly raised, and in a few days sow 4 or 5 seeds on each "hill," ultimately leaving the three strongest plants. It is very important that the plants should suffer no check from sowing to fruiting, hence watering must be carefully attended to.

Leek.—To have very large leeks, seed should be sown in the house or in a hot-bed in March, and, so soon as ground is ready in spring, transplant into a well-prepared bed two inches apart; but they succeed very well by sowing in the open. Very thinly, as soon as the frost is out of the ground. About the beginning of June make a trench about 18 inches wide and 12 deep, into the bottom of which carefully dig in a good quantity of well-rotted dung, and dibble in the plants in rows 4 to 6 inches apart, and anyway 4 inches from the outer edges of the trench. Plant deep, but do not cover the centre leaves, make a little ditch along the edges of the trench so as plants can be thoroughly watered without wetting the leaves. Liquid manure can be used with great advantage. Fill the trench level as plants grow and earth up as for Celery.

Lettuce.—Make a succession of sowings in the open ground beginning in May, at intervals of 2 weeks or so, in drills 1 foot apart, and leave plants 9 inches apart, or seed can be sown in a small bed and transplanted into rows, when 3 inches high. The first sowing can be made in a box in the house and planted out in May. To grow good Lettuce, soil should be light and rich, and plants never allowed to flag, so attend to watering. A light application of Nitrate of Soda increases the size of the heads and helps them to form early.

Melon.—The Musk Melon requires somewhat similar treatment to Cucumber, in the open air, but as a rule, does not succeed so well with amateurs. Seeds can be sown in March in the house, in a 6 inch pot—or the plants can be bought when planting time comes, which is generally about the 1st of June. After planting in hills, prepared as for Cucumber, plants should be covered with glass—a double window will do on a box same size as window. Should get air through the day, but should always be closed in the evening to retain the heat gained during the day, and watering must not be neglected. When the vines fill the frame, it should be lifted on to bricks, and, about July, the frame can be removed altogether.

Mushrooms.—Can be successfully grown at any season in either shed or cellar, where a temperature of 45 to 55 degrees can be maintained and providing the place be dry. Procure the quantity necessary of fresh horse droppings, as free from straw as possible, and moist with urine if it can be got that way. Turn this over, say 3 or 4 times in a week, covering the heap to prevent washing with rain or drying out with the sun. To this then add a fourth of its bulk of nice light loamy soil, mixing all carefully together. The bed should be made 4 feet

wide and whatever length is required. Put twelve inches or so in the bottom of the bed of rough manure tramped down, and on top of this 4 to 6 inches of the prepared manure, when the temperature has declined to 130, the latter being put on in layers and pressed down firmly and smoothly. Then put planks on edge to form a box round the bed and nail firmly together and cover all over with clean hay or straw.

When the bed thus made registers 90 to 95 degrees, a few inches below the surface, then break a brick of spawn into 12 pieces, and place these pieces 1 1-2 inches deep and 8 inches apart. When temperature of bed reaches 85 degrees remove the straw and cover the whole surface over with two inches of fine sifted loam beating it down firmly and smoothly, then put on the covering again. **Watering** is of the greatest importance. If the dung was moist when bed was made watering will likely not be necessary till after spawning, but look over the bed weekly and give a thorough watering, with water at a temperature of 95 degrees, when necessary going over the bed twice, using a fine spray. Be sure that at the end of six weeks, if the bed shows any signs of drying out, to water thoroughly then, because by watering when the bed is bearing, the small mushrooms are liable to damp off. When first crop is gathered, procure some dry cow manure and mix thoroughly with a little fine soil, covering the bed over with half an inch of the compost, beating it smooth, and give a good watering then. Mushrooms should always be picked, not cut.

Onion.—Seed should be sown as soon as the ground is fit in early spring, in shallow drills, 9 inches apart. Previous to making the drills, the ground should be firmly trodden down, and after sowing raked smooth, and the drills beaten down with the back of the spade. Thin out carefully as the plants grow to 6 inches apart, leaving only the strongest plants, when large bulbs are wanted, but a heavy crop of fair sized firm bulbs can be had by leaving the plants 3 inches apart. Pickling onions should be thinned but very slightly, and in every case onions should be pulled and left on the ground to dry whenever the stalks die down, otherwise they are likely to start a second growth if the weather be moist. A rich sandy loam is most suitable, but a good crop on clay ground can be obtained by planting onion setts, or by sowing seed in March in the house, and planting out in drills in May, and on suitable soils this latter method will produce bulbs as large as imported Spanish onions.

Parsnip and Salsify require much the same treatment. Sow early in spring in deeply dug or trenched ground, that has been enriched the previous fall, in drills 18 inches apart, thinning out to 6 or 8 inches. In heavy clay soil that is wet and sticky in early spring, and that later is likely to get very hard, we have found it a good plan to sow seed in the fall, so late that there is no chance of the seed germinating. In this way it starts very early, when the spring growth is in the ground, and there is a certainty of the roots attaining a good size by digging time, in the late fall. Always leave a portion of the crop of Parsnip and Salsify in the ground over winter, as both are quite hardy, and will improve both in size and quality by spring time, but both should be lifted whenever frost is out of the ground. For exhibition purposes it is a good plan to make a line of holes, 1 to 1 1-2 feet deep, with a pointed picket, filling these with a rich sandy compost, then sow a few seeds on top of each, and you will have extraordinary large smooth roots. Salsify need not be thinned out more than 6 inches.

Peas.—Light dry ground suits the Pea best, especially for early crop, but fair results can be obtained with proper cultivation, on almost any kind of soil. The dwarf sorts can be grown, in single rows, like bush Beans, but the taller sorts require staking, and should be sown in double rows (8 inches between) from 4 to 6 feet apart, and Spinage can be grown between. Cover not less than 4 inches so as the better to withstand drought, and plants should be thinned to say 1 inch. Sow three sorts, early, medium and late, at the same time so as to secure a succession in crop, and this can also be obtained by sowing any of the early varieties every ten days, and for small gardens the dwarf sorts are preferable.

Potato.—It is not worth while growing Potatoes in small gardens unless they can be had early, and a maximum crop produced. To obtain these advantages, the earliest and best cropping varieties must be used, and planted in rich, fairly free soil, and thorough cultivation given till the ground is covered with vines, and it is also necessary to have the potatoes sprouted before planting. To sprout potatoes, place the required quantity of sound, medium sized tubers on end in a warm light room, for from 4 to 6 weeks, and by that time strong vigorous shoots will have started, and a day before planting cut the potatoes, so that there will be one or two shoots in each set. The ground, which should have been deeply dug and heavily manured the previous autumn, should again be carefully dug over and trenches made 5 or 6 inches deep and 2 1-2 feet apart. If the subsoil is anyway hard the **bottom** of the trenches should be dug smoothly, and if a dressing of Thomas Phosphate Powder or similar artificial manure be used when digging the bottom of the trenches, so much the better. A thin layer of straw, if easily obtainable, may then be laid along the trench and the sets placed in a row 1 foot apart and then covered with about 2 inches of soil. As they appear above ground give light dressing of Nitrate of Soda broadcast over the plot and cover gradually as the leaves appear, till the ground is level. No earthing up is necessary, only carefully dig the ground between the rows and frequently rake the soil to prevent it crusting and keep it entirely free from weeds, is all that is necessary to produce a full crop of smooth, sound potatoes. By this treatment you can get the finest tubers on even the stiffest clay soil. Dust with Paris Green and Plaster, or Bugdeath, whenever the Potato Bugs appear, watching for their first appearance closely, as the neglect of even one day will surely diminish the crop. See page 79 for **Bug Death**.

Radish.—Make first sowing (keeping in mind the requirements of the family as regards space) the moment frost is out of the ground, in rich soil, in rows 8 or 9 inches apart, and to have a succession sow a little seed every 8 days, up to September. Cover the seed about 1 inch, and commence using when small, else the bulbs will grow too large and stringy, so that watering must be regularly attended to during dry weather. To have juicy, crisp Radishes, they must be grown quickly.

Tomato.—Sow early in spring in a hotbed or in a shallow box, which place in a window of the house. When 2 or 3 inches high transplant into handy sized boxes 4 or 5 inches deep and 4 inches between plants, using free rich soil. These boxes may be put outside when weather is warm, but taken in at night in case of frost, or the transplanting may be done in 3 inch pots shifting into 4 inch, as plants grow. In cases where seed was sown in a hotbed, of course, the transplanting will be done into another. When all danger from frost is past, plant out 3 to 4 feet apart (shading from the sun for a day or two) and place 5 feet stakes firmly in the ground, at each plant, to which they should be tied as they grow up. Keep pinching out the side shoots as they appear, to allow all the strength to pass in to the fruit on the main stem. Tomatoes can be grown very well alongside of any wall or fence by keeping the main shoots as above directed, and attaching to the wall or fence by small staples. Good crops can also be obtained by planting at the distances named and leaving the plants to take care of themselves, but earlier and better fruit, and more of it, will be obtained by using stakes. Always grow Tomatoes in the sunniest spot you have in the garden. We offer transplanted plants for sale.

Points in Fruit Growing

Land should be rich and well cultivated previous to planting, but fruit trees will not succeed where the subsoil is a cold or wet clay. Cultivate and grow crops between trees for 6 or 8 years, and after this the land should, as a rule, be kept under cultivation (but not deep) regularly, until fruit is well formed. In August sow Clover or other cover crop and turn down the succeeding spring, and frequently cultivate between

then and August, then sow clover again. Should a continuance of this treatment produce too strong growth, cut and remove the hay for one, or perhaps two years. Carefully prune every spring, paying special attention to the upper branches. Good clean fruit cannot be produced without spraying the trees. See formula **Bordeaux Mixture** and **Bug Death**, on page 79.

Directions for Making a Hotbed.

In Eastern Canada about the middle of March is quite early enough to make a hotbed, and even a little later will do well enough. The time should vary according to the latitude. Provide a quantity of fresh horse-manure with as little straw in it as possible, and add to this, if they can be had, one-third of its bulk of leaves. Mix them thoroughly, tramping down the mass in successive layers, and form into a large pile, so that fermentation will proceed, even in severely cold weather. In two or three days fermentation will be apparent by the escape of steam from the heap. Now turn again, and allow the heap to remain two or three days longer, or until the second fermentation commences. Make an excavation or pit 2 1-2 feet deep, in a dry place, and where surface water will not come, and of a size suited to the number of plants required. It is not absolutely necessary to dig a pit, as a hotbed can be made on the surface, but still, as amateurs will generally have their hotbeds in the same spot from year to year, a pit is preferable in their case. It should be made in some dry, sheltered spot, facing the south or east, if possible. Hotbed sashes are usually 6 x 3 feet, and one or two sashes will generally give early plants enough for a small family. The frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope to catch the sunlight and shed the water. Cross-pieces should be placed for the sashes to slide on, to facilitate opening and shutting the frames. When everything is ready, the manure is placed in the pit or on the surface of

the ground as the case may be and trodden down firmly in layers to the required depth of 2 1-2 feet. Then put on the sashes, and keep the bed closed until the heat rises. At first it will probably be 100 degrees or more, which is too hot to sow seed in; but in two or three days it will be subside to 90-degrees or a little less, when the soil may be put on to the depth of 6 to 8 inches. The heat may be readily ascertained by plunging a thermometer in the manure. The soil should be well-rotted sandy sod (or common sandy garden soil will do), mixed with about a third of fine, old manure, and in this the seeds may be sown thinly in drills 2 to 3 inches apart and afterwards (as soon as out of the seed-leaf) either thinned out or transplanted. Air must be given every mild day by raising the sashes at the back, closing again at night. Water with tepid water whenever necessary, and during cold nights keep covered with mats or boards, or both. Tomato, Pepper and tender seeds generally should be sown earlier than Cabbage, Cauliflower or Lettuce as they require more heat than the latter. Melons and Cucumbers should be sown in 5 inch pots, 6 to 8 seeds in a pot, thinned or transplanted 3 in a pot when they show three leaves. Flower Seeds may be sown in cigar or other similar boxes and plunged in the bed, transplanting at the proper time, either into large boxes, or into the hotbed earth, should there have been space made by the planting out of vegetables. The same directions apply to hotbeds made on the surface of the ground, except that the manure should be at least a foot wider on all sides than the frame.

EWING'S VEGETABLE COLLECTIONS

Assorted to suit different sized gardens. Seeds of best qualities and full sized packets. Note the great reduction from Catalogue prices. Send *cash with order* and we mail *post-paid*. No trouble making selection and you get your spring supply of seeds as easily as if you had a seed store at your door. It is both pleasant and profitable to grow your own vegetables. No changes nor substitutions can be made, the varieties are exactly as printed in Catalogue. Anything additional required, order from Catalogue at stated prices. Amounts sent for collections cannot be allowed for or included under special discount offer.

For Collections of Flower Seeds. See page 39.

Collection A \$1.00

Contains 32 pkts, 1 each of

Beans, Wax.
Beet, Eclipse.
Beet, Bonsecour Market.
Cabbage, Early Express.
Cabbage, Fottlers.
Carrot, Danvers.
Carrot, Chantenay.
Celery, White Plume.
Celery, White Paschal.
Corn, Crosby's Sugar.
Corn, Evergreen Sugar.
Cress, Curled.
Cucumber, White Spine.
Lettuce, Nonpareil.
Lettuce, Early Curled Simpson.
Melon, Montreal Market.

Onion, Yellow Danvers.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Moss Curled.
Peas, McLean's Little Gem.
Peas, Horsfords Market Garden.
Radish, Extra Early Red Turnip.
Radish, Early Scarlet Turnip, white Tipped.
Salsify, Mammoth Sandwich Island.
Squash, Summer Crookneck.
Squash, Hubbard.
Tomato, Atlantic.
Turnip, Laing's Swede.
Turnip, White Strap Leaf.
Sage.
Summer Savory.

Collection B 50 cts.

Contains 15 pkts, 1 each of

Beans, Wax.
Beet, Bonsecours Market.
Cucumber, White Spine.
Cabbage, Henderson's Summer.
Celery, White Plume.
Carrot, Chantenay.
Lettuce, Nonpareil.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Covent Garden.
Peas, Little Gem.
Radish, Early Red Turnip.
Squash, Hubbard.
Tomato, Atlantic.
Sage.

Collection C 25 cts.

Contains 7 pkts. 1 each of

Beet, Long Blood.
Carrot, Chantenay.
Lettuce, Early Curled Simpson.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Moss Curled.
Radish, Non Plus Ultra.

Collection D \$1.00

Contains the Following:

Beans, Wax, 1-2 lb.
Beet, Bonsecours Market, 1 pkt.
Beet, Eclipse, 1 pkt.
Cabbage, Early Express, 1 pkt.
Cabbage, Fottler's 1 pkt.
Carrot, Chantenay, 1 oz.
Corn, Crosby's Sugar, 1-2 lb.
Cucumber, Long Green, 1 pkt.
Lettuce, Nonpareil, 1 pkt.
Onion, Red Wethersfield, 1 oz.

Onion, Danvers, 1 pkt.
Parsley, Moss Curled, 1 pkt.
Parsnip, Cooper's Champion, 1 oz.
Peas, McLean's Little Gem, 1-2 lb.
Peas, Nott's Excelsior, 1-2 lb.
Radish, Non Plus Ultra, 1 oz.
Squash, Vegetable Marrow, 1 pkt.
Sage, 1 pkt.
Turnip, Laing's Swede, 1 oz.
Tomato, Atlantic, 1 pkt.

See page 39 for Ewing's Special Flower Collections.

EWING'S SELECTED SEEDS

. . . OF . . .



Conditions of Sale

While we exercise great care to have all Seeds pure, reliable, and true to name, our Seeds are sold without any warranty expressed or implied, and without any responsibility on our part in respect to the crop. If Seeds are not accepted on these terms, they must be returned at once.

Before ordering, read carefully the front page of Catalogue regarding payment of postage, etc.

Artichoke

- GREEN GLOBE**oz. 40c. pkt. 5c.
EARLY PURPLE GLOBEoz. 40c. pkt. 5c.
JERUSALEM GIANT WHITE—Bulbs.Postage paid, 15c. per lb.; \$1.50 per bushel

Asparagus

One ounce of seed will sow about 40 ft. of a row. A bed 12 x 40 feet requires 100 plants, which is sufficient for the use of a small family. Soil should be made as rich as possible before planting, and the beds should be manured, and slightly dug every fall.

NEW GIANT SNOW-CAP—By far the earliest Asparagus. Heads are pure white and of the most delicate flavor, pkt. 10c.

ARGENTEUIL—An early and remarkably healthy variety greatly admired in France, stalks grow to a mammoth size and quality is excellent; pkt. 10c.; oz. 20c.; ¼ lb. 40c.

PALMETTA—Grows to an immense size. The heads are green without any purple tinge, are of excellent flavor, and tender. lb. 55c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

CONOVER'S COLOSSAL—Grows very large, often producing stems 3 and 4 inches in circumference; very tender. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

COLUMBIAN MAMMOTH WHITE—Produces white shoots, rather larger than Conover's Colossal, and the plant is more robust and vigorous than other giant varieties. lb. 75c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

We can supply fine, strong, two-year old plants of the leading varieties at \$1.00 per 100, express extra.

Beans—English

Sow in Drills two feet apart, and leave 5 or 6 inches between plants. One pound of Seed will sow 100 feet of row.

EARLY LONG POD—Productive, good for general crop.per lb. 20c.; post paid 25c.

BROAD WINDSOR—Very large, remains long fit for use.per lb. 20c.; post paid 25c.



Conover's Colossal Asparagus.

Beans

Dwarf or Bush. Wax Podded Varieties

One pound will plant 100 ft. of row, one bushel will plant half an acre in drills.

If by mail add 16c. per pound to Newfoundland or U.S.A.



Currie's Rust Proof Wax Bean.

CURRIE'S RUST PROOF WAX—Upright and robust habit. Pods are long, flat, and hang well off the ground. Beautiful golden color. lb. 20c.; post paid, 25c.

WARDWELL'S KIDNEY WAX—One of the best early sorts. Particularly free from rust. lb. 20c.; post paid, lb. 25c.

YOSEMITE MAMMOTH WAX—Pods are long, round and solid, bright yellow in color, absolutely stringless, and numerous. lb. 25c.; post paid, lb. 30c.

NEW GOLDEN EYE WAX—Is claimed to be rust proof. Heavy bearer. lb. 20c.; post paid, lb. 25c.

FLAGEOLET or SCARLET WAX—A very valuable variety. Extra heavy cropper. lb. 20c.; post paid, lb. 25c.

DETROIT WAX—Pods are round and extremely tender. Beautiful yellow color. lb. 20c.; post paid, lb. 25c.

GOLDEN WAX—Of strong growth and a week earlier than the old Black Wax. lb. 20c.; post paid, lb. 25c.

BLACK WAX—Waxy-yellow pods. lb. 20c.; post paid, lb. 25c.

WHITE WAX— “ “ “ lb. 20c.; post paid, lb. 25c.

Green Podded Varieties

BURPEE'S BUSH LIMA—Beans are as large as the Pole Lima, and two weeks earlier. lb. 25c.; by mail, lb. 30c.

YELLOW SIX WEEKS—Very early. Great cropper. lb. 15c.; by mail, lb. 20c.

DWARF HORTICULTURAL—A grand shell bean. lb. 25c.; by mail, lb. 30c.

IMPROVED YELLOW EYE OR BOSTON FAVORITE—This fine sort is most valued as a shelled bean. lb. 15c.; by mail, lb. 20c.

EARLY MARROWFAT—Grown as a shell bean. lb. 15c.; by mail, lb. 20c.

EARLY RED VALENTINE—Early. Fine flavor. lb. 15c.; by mail, lb. 20c.

REFUGEE or 1000 to 1—Very early and a sure cropper. lb. 15c.; by mail, lb. 20c.

WHITE KIDNEY—Used as a cooking bean, dry. lb. 15c.; by mail, lb. 20c.

EARLY CHINA—Early and good either green or dry. lb. 15c.; by mail, lb. 20c.



Early Red Valentine Bush Bean.

Pole or Running Beans

ASPARAGUS—Is the heaviest cropper of all. Pods are flat of great length and breadth. A splendid sort. lb. 50c.; by mail, lb. 55c.

GOLDEN ANDALUSIA—Pods 5 to 6 inches long, fleshy and finely flavored. The best pole wax variety. lb. 20c.; by mail, lb. 25.

EARLY GOLDEN CLUSTER WAX—Very early. A fine cropper and of delicious flavor. lb. 20c.; by mail, lb. 25c.

BLACK BUTTER or INDIAN CHIEF—Waxy, yellow pods; very fine flavor. lb. 20c.; by mail, lb. 25c.

CRANBERRY or HORTICULTURAL—A well-known productive variety, green pods. lb. 20c.; by mail, lb. 25c.

DUTCH CASE KNIFE—Productive and early, long, flat, green pods. lb. 20c.; by mail, lb. 25c.

LAZY WIFE—Green pods; very prolific. lb. 20c.; by mail, lb. 25c.

LIMA, large white—This is a delicious bean, either in its green or dry state. lb. 20c.; by mail, lb. 25c.

SCARLET RUNNERS } Mainly cultivated for their flowers,
WHITE } but the pods are also used as a
PAINTED LADY } culinary vegetable. lb. 20c.; by
 } mail, lb. 25c.

Borecole or Kale.



Sow early in Spring, culture same as Cabbage.

DOBBIE'S VICTORIA—For description see "Novelties and Specialties." pkt. 15c.

TALL GREEN CURLED SCOTCH... 15c. 5c.

DWARF GREEN CURLED SCOTCH... 15c. 5c.

Cardoon

Sow in May, in rows, and thin out to one foot apart; bind together and earth up like celery.

LARGE SMOOTH SOLID... .oz. 25c.; pkt. 5c.

Chard or Sea Kale Beet

SWISS CHARD—Leaves are used as spinach. oz. 10c.; pkt. 5c. Cultivate same as garden Beet.

Beet—FR. BETTERAVE A TABLE.

One ounce will sow about 50 ft. of drill; 5 lbs. will sow an acre.

Half Long and Long Varieties.

MARTIN'S EXHIBITION LONG BLACK—For description see "Novelties and Specialties." pkt. 10c.

DOBBIE'S NEW PURPLE—For description see "Novelties and Specialties." pkt. 15c.

BONSECOURS MARKET—One of the best half-long varieties in cultivation, neat shape, uniformly smooth and good color and flavor. Is a very heavy cropper and a great favorite with market gardeners and we strongly recommend it. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

PARISIAN FAVORITE, Half-long—One of the very best sorts. Smooth, tapering, solid root. Rich crimson in color, and a splendid keeper. lb. 90c.; ¼ lb. 35c.; oz. 10c.; pkt. 5c.

GARDENER'S FAVORITE—Medium sized, finely shaped roots. One of the finest table beets. ¼ lb. 35c.; oz. 15c.; pkt. 5c.

COVENT GARDEN—Fine color, not too large, a fine sort for private gardens. lb. \$1; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

IMPROVED LONG BLOOD—The heaviest cropper. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

WHYTE'S DEEP BLOOD—Half long. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

DELL'S SUPERB BLACK—Wine-colored leaves; greatly admired as a foliage plant. Small root. oz. 15c.; pkt. 5c.

Round or Turnip Varieties

ECLIPSE—Dark red, fine quality. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EGYPTIAN—Very smooth and early; good quality, dark red color. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

CRIMSON GLOBE—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY CRIMSON—lb.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

FLAT BASSANO—Suitable for shallow soils. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

For Stock Feeding Varieties, See Agricultural Department.

Brussels Sprouts

FR. CHOU A JET DE BRUXELLES.

The cultivation of this delicious vegetable is similar to that of cabbage. To preserve through winter, store in a cool cellar with roots in earth.

EDINBURGH PRIZE—Grows large, and the stem is completely studded with sprouts. oz. 25c.; pkt. 5c.

DWARF PARIS MARKET—A fine reliable dwarf variety with perfect sprouts. oz. 20c.; pkt. 5c. See "Novelties and Specialties" for new varieties.



Edinburgh Prize Brussels Sprouts.

Chervil—FR. CERFEUIL.

Cultivate same as parsley.

CURLED... .. lb. \$1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Chicory—FR. CHICOREE.

Requires similar treatment to carrot. The root is used to mix with coffee, and the leaves as a salad. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

ASPARAGUS—A new and quite distinct Italian variety. The leaves and stalks, when cooked and served cold, make a delicious salad. oz. 20c.; pkt. 10c.

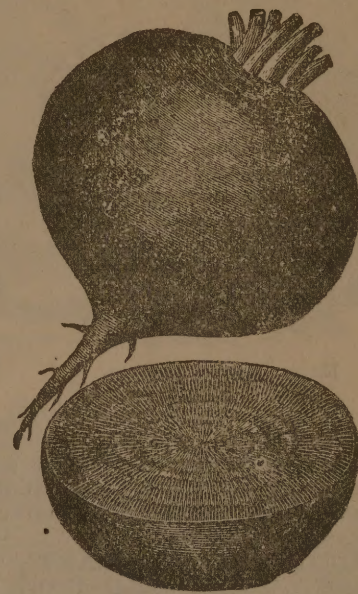
We keep a full line of Planet Jr. and Iron Age, Horse and Hand Cultivators.



Bonsecours Market Half-long Beet.



Gardener's Favorite Beet.



Eclipse Beet.

Cress—FR. CRESSON.

Sow in drills and repeat sowings frequently. Water Cress should either be sown on or transplanted to the banks of a running stream, or placed in the bed of it, with a stone on each plant to prevent shifting.

	P. lb.	¼ lb.	oz.	pkt.
WATER			50c	10c
CURLED	40c	15c	10c	5c
PLAIN	40c	15c	10c	5c

Cauliflower

One ounce of Seed will produce about 1,500 plants.

We draw particular attention to the extra quality of our Cauliflower Seed, and more especially to Ewing's selected Dwarf *Early Erfurt* and *Queen of the Danes*.

EWING'S QUEEN OF THE DANES ERFURT

—Splendid either for forcing or outdoor culture, produces extra large, solid, pure white heads. We strongly recommend it as a grand acquisition. oz. \$2.50; pkt. 25c.

EWING'S SELECTED DWARF EARLY ERFURT

—Very early; pure white, large flower. Forces well and is also the favorite for outdoor culture. We have obtained our supplies from the same celebrated grower for many years past, and we know no strain excels it for purity, compactness of growth or certainty of heading. oz. \$2.50; ½ oz. \$1.40; pkt. 25c.

EXTRA DWARF EARLY ERFURT—Small leaves, pure white solid heads, extremely early and valuable for forcing and for the open ground as well. Similar to *Snowball*. oz. \$2.75; ½ oz. \$1.50; pkt. 25c.

SNOWBALL—Very early... ..oz. \$2.50; ½ oz. \$1.40; pkt. 25c.

EXTRA EARLY PARIS—A fine sort either for forcing or open air culture... ..oz. \$1; pkt. 5c.

HALF EARLY PARIS—Large flower... ..oz. \$1; pkt. 5c.

LE NORMAND—Large, late variety, short stem and solid head... ..oz. \$1; pkt. 5c.

ABYSSINIAN—Late, produces large white heads... ..oz. \$1; pkt. 10c.



Ewing's Selected Dwarf Early Erfurt Cauliflower.



Extra Early Express.

Cabbage—FR. CHOU.

One ounce of Seed will produce about 1,500 plants.

Early Varieties.

BAMBERG EARLIEST—For description see "*Novelties and Specialties*." pkt. 10c.

EXTRA EARLY EXPRESS—The earliest variety. Is of conical shape, resembling the *Etampes* in form, but is from eight to ten days earlier. Has few outside leaves, and can thus be planted very close. We recommend it strongly to market gardeners. lb. \$2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

EARLY ETAMPES—Is of the Ox-heart type, forming a hard head very early. Both the *Etampes* and the preceding we recommend with perfect confidence either to market gardeners or private growers. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY STANDARD—Is of the Ox-heart type, but larger, and ten days earlier. Forms a saleable head quickly, and is a most valuable sort for market gardeners. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY SPRING—This is the earliest of all flat headed Cabbages. Has but few outer leaves, and the head closes in quickly, thus a most saleable variety for early marketing. Very short stems. lb. \$2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

LARGE EARLY OX-HEART—lb. \$1.70; ¼ lb. 50c.; oz. 15c.; pkt. 5c.

JERSEY WAKEFIELD—Early, large and solid. American saved seed. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

Second Early Varieties

CANNON BALL DANISH—Extra-selected stock.—Heads are nearly round in shape, and in every way it is a distinct variety of Fall or Winter Cabbage. There is no variety that approaches it in solidity. Is saleable shortly after the *Henderson's* summer, and is equally good for storing, as it is a splendid keeper. A head of it will weigh 50 per cent. more than one of similar size of *Fottler's*. Every plant produces a head. Every market gardener should grow it. lb. \$2.50; ¼ lb. 75c.; oz. 25c.; pkt. 5c.

HENDERSON'S EARLY SUMMER—Produces large and very solid heads, and comes in just after the *Standard* and *Etampes*. Soil must be rich. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

SUREHEAD—Large, solid, flattish heads, uniform in size and a good keeper. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.



Cannon Ball Danish.

Cabbage—CONTINUED.

HENDERSON'S SUCCESSION—Later than Henderson's Summer, but produces larger heads. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY WINNINGSTADT—The head is so hard and solid that it is not affected with the cabbage worm to any great extent. True French grown seed. lb. \$1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

VANDERGAW—A second early variety, and a great favorite with market gardeners. A sure header, and produces heads larger and of better color and quality than Henderson's Summer. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

Late Varieties

AUTUMN KING—A fine late variety and quite distinct in its characteristics. Heads are of a dark green color, and is one of the best keepers. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

FOTTLER'S IMPROVED BRUNSWICK—Large head. If planted early will be ready for use in August. A favorite with market gardeners, both for Fall sales and for keeping through the Winter. lb. \$1.60; ¼ lb. 45c.; oz. 15c.; pkt. 5c.

LARGE BRUNSWICK SHORT STEM—Used as a second early and late variety, and produces very large, solid heads. A fine sort. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

ST. DENIS—A fine late French variety; a splendid keeper owing to its solidity of head. lb. \$1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

FLAT DUTCH, LATE—Large flat, solid. lb. \$1.40; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

MARBLEHEAD MAMMOTH—Late; grows very large and firm, and keeps well. American saved seed. lb. \$1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

Red Varieties

LARGE RED DRUMHEAD—Large hard head. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

RED DUTCH—¼ lb. 40c.; oz. 15c.; pkt. 5c.

Savoy Cabbage

GREEN CURLED—Medium size, very tender. oz. 15c.; pkt. 5c.

DRUMHEAD—Very large and hardy. lb. \$1.60; ¼ lb. 45c.; oz. 15c.; pkt. 5c.

LARGE AUBERVILLIERS—A select stock of Drumhead, of an extra large size, and finely curled. oz. 20c.; pkt. 5c.

If you are a Market Gardener
write for our SPECIAL MARKET
Gardener's Price List.



Henderson's Early Summer.



Fottler's Improved Brunswick.



Early Winningstadt.



Autumn King.



Long Red Stump Carrot.

ly to the point, is very early, of fine quality and is a heavy cropper. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

LONG RED STUMP ROOTED—This sort has but little heart or pith, and is the best flavored variety in cultivation. lb. 90c.; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

LONG ORANGE—Long root, of good color and flavor. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

For Field VARIETIES see Agricultural Department.

Carrot—FR. CAROTTE.

One ounce of seed will sow one hundred feet of drill and four lbs. will sow an acre.

All Clean Rubbed Seed

EARLY FRENCH HORN—A small early sort. lb. 70c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EXTRA EARLY HORN—Smaller than preceding and especially suitable for forcing. lb. 90c.; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

HALF LONG CHANTENAY—Half long scarlet. An improved variety of Nantes, with larger shoulder and more productive. Extra fine sort. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG STUMP ROOTED—Heavy cropper; also does not require so deep soil as long varieties. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG NANTES—A select stock of preceding variety. lb. 70c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

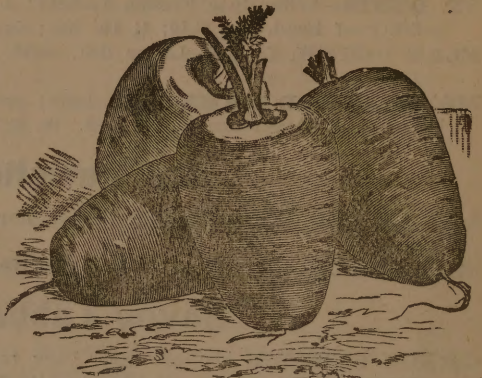
JAMES' SCARLET INTERMEDIATE—Half long pointed. lb. 65c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

HALF LONG IMPROVED DANVERS—Tapering root of medium length; very smooth. This is the heaviest cropping variety of red carrot. lb. 70c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG GUERANDE or Ox-heart—The root is very thick at the shoulder, tapering slightly to the point, is very early, of fine quality and is a heavy cropper. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.



Chantenay Carrot.



Guerande Carrot.

Celery—FR. CELERI.

One ounce will produce about 2,000 plants.



Paris Golden Yellow Celery.

DOBBIE'S INVINCIBLE WHITE—Per pkt. 15c.

TRIUMPH—A late white variety. For crispness and nutty flavor it has no superior, and it keeps remarkably well. oz. 25c.; pkt. 5c.

PINK PLUME—Resembles the White Plume in growth, with the outer ribs of a delicate pink. oz. 25c.; pkt. 5c.

HENDERSON'S WHITE PLUME—Is very early, needs but little earthing up and is of fine flavor. ¼ lb. 75c.; oz. 25c.; pkt. 5c.

PARIS GOLDEN YELLOW—Is of medium height, fine flavor and perfectly solid, and needs but little earthing up. The outer ribs are of a yellowish white, while the heart, which is large and solid, is of a rich golden yellow, and it thus has a most striking appearance on the table. Is an excellent keeper. ¼ lb. \$1.75; oz. 60c.; pkt. 10c.

DWARF LARGE RIBBED—A solid white sort, requiring little earthing up. Good keeper. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

GIANT WHITE PASCHAL—Grows one-third taller than Paris Golden yellow. Color white with golden heart. Keeps well when stored in a cool cellar. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

NEW ROSE—Deep rose color, and very solid. ¼ lb. 75c.; oz. 25c.; pkt. 5c.



Henderson's White Plume Celery.

Celery—CONTINUED.

BOSTON MARKET DWARF—Branching habit, and has a fine nutty flavor. Keeps well. $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 5c.
CELERIAC OR TURNIP ROOTED—oz. 20c.; pkt. 5c.
CELERY SEED—For flavoring soups, pickles, etc. $\frac{1}{4}$ lb. 20c.; oz. 10c.
TRANSPLANTED CELERY PLANTS of Sorts. 75c. per 100.
SEEDLING CELERY PLANTS of Sorts. 60c. per 100.

Sugar Corn—FR. BLE-D'INDE SUCRE.

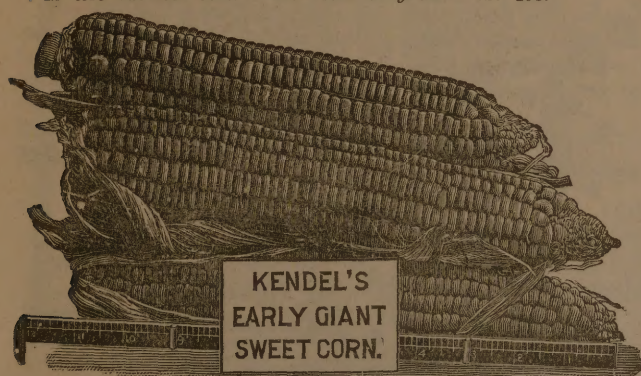
One lb. will plant about 100 hills and one peck will plant an acre, in hills.

When ordered by Mail 5c. per lb. must be added for postage in the Dominion.

Early Varieties

EARLY MARKET SUGAR, NEW—This new sort produces the largest ears and of the sweetest flavor of any truly Early Sweet Corn in cultivation, and must become popular alike with the market and private gardener. Stalks grow 5 to 6 feet high, each bearing one to two ears 10 to 12 inches in length. Cobs and Kernels are pure white and the latter particularly tender and of true sugary flavor. It is exceptionally free from fungus growth and smut, is as early as Corey, and as sweet as Stowell's Evergreen, and in productiveness none excel it. lb. 20c.

HOLMES' NEW PREMO—Combines all the merits of the *extra early varieties*, but is far superior to them all in size, quality and yield. Stalks grow about 5 ft. high, generally bearing 2 well-developed ears to a stalk. C. S. Clarke, the great Ohio corn grower, says "it is the earliest corn I ever saw or grew." lb. 20c.



EARLIEST SHEFFIELD—Is a cross between Corey and Adam's Extra Early, is earlier than the Corey, and much hardier, and can be planted almost as early as Flint corn. This will make it a favorite for early market. Grows $4\frac{1}{2}$ ft. high. lb. 18c.

FORD'S EARLY SUGAR—Is as early as White Corey. lb. 18c.

EARLY COREY—An extra early variety with a red cob, and very popular with market gardeners. Doz. ears 50c.; lb. 18c.; 5 lbs. 75c.

EARLY WHITE COREY—Same as preceding, excepting that the grain is white and has a better appearance when cooked. lb. 18c.; 5 lbs. 75c.

NEW CHAMPION—Grows the largest ears of the Early sorts. Is ready for use, earlier than Crosby. lb. 18c.

MINNESOTA EARLY WHITE—Small early variety. lb. 18c.; 5 lbs. 75c.

Medium Early Varieties

MOORE'S EARLY CONCORD—lb. 18c.; 5 lbs. 75c.

CROSBY EARLY SUGAR—A Standard variety. doz. ears 50c.; lb. 18c.; 5 lbs. 75c.

KENDEL'S EARLY GIANT—Is nearly as early as Crosby and produces ears 8 to 10 inches long, averaging 12 rows to the ear. Kernel's pure white, sweet and tender. lb. 18c.; 5 lbs. 75c.

COUNTRY GENTLEMAN—A delicious, sweet variety. Ears are of pearly whiteness, and grains although narrow, are exceedingly long. We strongly recommend it. lb. 18c.



Ford's Early Sugar Corn.

NONE SUCH—Twelve rowed, with ears as long as Stowell's Evergreen Sugar. Kernels are white as snow and of delicious sweetness. lb. 18c.

OLD COLONY—A selection of the Evergreen type, *but about ten days earlier*. A very desirable sort for canners and market gardeners. lb. 18c.; 5 lbs. 75c.

MEXICAN EARLY—A black seeded sort, and perhaps the sweetest of all sugar corns. lb. 18c.

PERRY'S HYBRID—A second early sort. lb. 18c.; 5 lbs. 75c.

Late Varieties

NEW ZIGZAG EVERGREEN SUGAR—Produces ears as large as Stowell's Evergreen, but much sweeter, and, what is very important, is ten days earlier. Instead of the rows being straight, the kernels run zigzag, hence its name. lb. 18c.

STOWELL'S EVERGREEN SUGAR—The standard late variety and one of the best. doz. ears 60c.; lb. 18c.; 5 lbs. 75c.

MAMMOTH SUGAR—Ears large. Very sweet. lb. 18c.; 5 lbs. 75c.

CANADA YELLOW FLINT— } doz. ears 30c.; lb. 10c.
WHITE }

POP CORN—White rice. Best popping sort. lb. 10c.; 3 lbs. for 25c.

Corn Salad

Sow early. The leaves are much esteemed as a spring salad. oz. 20c.; pkt. 5c.

Cucumber—FR. CONCOMBRE.

One ounce will plant about 50 hills.

FORDHOOK FAMOUS—For description see "Novelties and Specialties." pkt. 10c.

LIVINGSTON'S EMERALD—Is a rich dark green, retaining its color till ripe. Is of vigorous growth and early, of large size, and entirely free from "Warts and Spines." oz. 20c.; pkt. 5c.

THOROUGHbred WHITE SPINE—Medium size and very early. lb. \$1.25; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

ARLINGTON WHITE SPINE—The first fruits on the vine are very even in form and size, and continue so through the season. lb. \$1.25; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

Cucumber—CONTINUED.



English Frame Cucumber.

EARLY CLUSTER—Small and early. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

EARLY RUSSIAN—Early; small. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

WEST INDIA GHERKIN OR BURR—Also known as Jerusalem Pickle. A very small oval shaped prickly variety, quite distinct from all others. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

English Frame Cucumber

SION HOUSE. TELEGRAPH (Rollinson's)—25c. per pkt.
MARQUIS OF LORNE. TELEPHONE—25c. per pkt.



Improved New York Purple Egg Plant.

Egg Plant

FR. AUBERGINE.

Sow in a hot bed and plant out about the end of May into deep, rich soil, with a warm exposure; plants two feet apart.



Japanese Climbing Cucumber.



Thoroughbred White Spine Cucumber.

	oz.	pkt.
LONG PURPLE	40c.	5c.
EARLY WHITE LONG	50c.	10c.
" " ROUND	50c.	10c.
IMPROVED NEW YORK PURPLE	60c.	10c.
BLACK FRUITED PEKIN	75c.	10c.

PEERLESS WHITE SPINE—Extra long and smooth, and very early and prolific. It differs from the other strains of White Spine in retaining its deep green color. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

IMPROVED LONG GREEN—A superior strain of fine dark green color, uniform size, crisp and tender. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

LONG GREEN PRICKLY—Dark green, tender and well flavored. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

COOL AND CRISP—A particularly excellent variety for pickling or table use. At the pickling stage the cucumbers are slim, and of very dark color. ¼ lb. 35c.; oz. 15c.; pkt. 5c.

NEW JAPANESE

CLIMBING—Vines and foliage are much stronger than other kinds, and as it is a climber it can be grown on fences and trellises, and thus save much space. Is a most prolific bearer, and the fruit is about ten ins. long and of fine flavor. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

PARIS PICKLING—The young cucumbers, when at the proper age for pickling, are from 3 to 5 inches in length, and slender. ¼ lb. 90c.; oz. 30c.; pkt. 5c.

GREEN PROLIFIC—(Or Boston Pickling). lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

CHICAGO PICKLING—lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

EARLY FRAME—Medium size. lb. \$1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

Kohl Rabi—FR. CHOU RAVE.

A hybrid between the turnip and cabbage; culture same as turnip. Immediately above the ground the stem swells into a bulb similar to a turnip.

PURPLE GIANT. ¼ lb. 60c.; oz. 20c.; pkt. 5c.
WHITE " ¼ lb. 60c.; oz. 20c.; pkt. 5c.



Lettuce.

Endive—FR. CHICOREE.

Sow in June, in drills one foot apart, and thin out to about the same distance. When six or eight inches high, tie up to blanch, and draw up the earth around the plants. Be careful that the leaves are dry when tied up, but give plenty of water during dry weather.

WHITE CURLED. ¼ lb. 50c.; oz. 15c.; pkt. 5c.
MOSS " ¼ lb. 50c.; oz. 15c.; pkt. 5c.

Leek

FR. POIREAU.

One ounce of seed will sow one hundred feet of drill.

FLAG—A good medium-sized popular variety. lb. \$1.35; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

GIANT PALERMO
 Roots are large and long, and it grows better in hot, dry weather than any other sort. oz. 20c.; pkt. 5c.

MUSSELBURGH —
 Very hardy, and grows to a large size when well cultivated. lb. \$1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

MONSTROUS CARENTAN — A large and excellent variety. lb. \$1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.



Musselburgh Leek.

Lettuce—FR. LAITUE.

"MAY KING CABBAGE"—For description see "Novelties and Specialties." pkt. 10c.

WHITE GIANT—(For description see Novelties and Specialties). pkt. 10c.

GOLDEN STONE—Very early. Good either for forcing or outdoor culture. Heads are of good size and pale yellow color, solid, and hearts right up. oz. 20c.; pkt. 5c.



St. Louis Lettuce.

ST. LOUIS—An excellent sort, producing good sized heads, very crisp and good for forcing. oz. 15c.; pkt. 5c.

GRAND RAPIDS—Somewhat loose headed, but valuable for winter forcing as it seldom damps off. ¼ lb. 50c.; oz. 15c.; pkt. 5c.

EXCELSIOR—A large crisp variety which does not run to seed quickly. Thick succulent leaves; can either be used when half grown or left to form heads. One of the best. ¼ lb. 40c.; oz. 15c.; pkt. 5c.



Nonpareil.

NONPAREIL—Leaves yellowish green, heads large, solid and tender. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

DENVER MARKET—Large solid heads of a light green color, with crimped leaves, resembling Savoy Cabbage. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

WHEELER'S TOM THUMB—Small and early for forcing. oz. 15c.; pkt. 5c.

DEFIANCE—Admirably adapted for open air culture, as it does not run to seed quickly. oz. 15c.; pkt. 5c.

EARLY CURLED SIMPSON—A black seeded large popular variety. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

BOSTON CURLED—Leaves beautifully curled, small, solid head. Good forcing variety. oz. 15c.; pkt. 5c.

BIG BOSTON—¼ lb. 50c.; oz. 15c.; pkt. 5c.

Lettuce—CONTINUED.

CALIFORNIA CREAM BUTTER—Large, solid round heads, light green outside, and creamy yellow within. $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 15c. per oz.; 5c. per pkt.

Victoria, Salamander, Deacon, Hanson, Boston Market and Curled Silesian.

COS OR STRAIGHT LEAVED VARIETIES, GREEN PARIS COS AND WHITE PARIS COS— $\frac{1}{4}$ lb. 50c.; oz. 15c.; pkt. 5c.

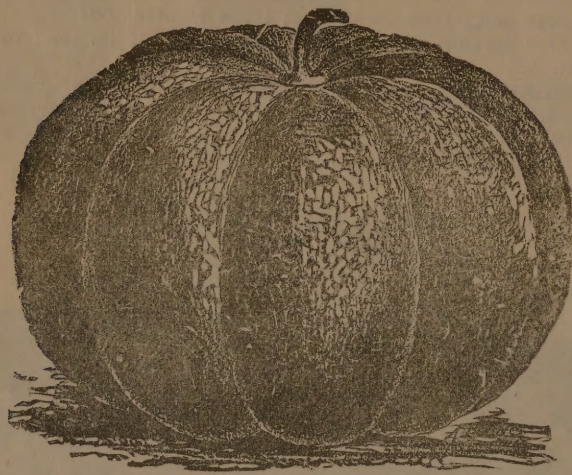
Musk Melon

—FR. MELON MUSCADE.

One ounce will plant about seventy hills.

BIJUKDERE—For description see "Novelties and Specialties." pkt. 10c.

MONTREAL IMPROVED NUTMEG—Light green flesh, large size and splendid flavor. The best variety in cultivation. Our stock is true, and was grown here under glass, from selected fruit. It is to be noted that the leading Hotels in New York, Philadelphia and other cities in the United States buy Montreal Melons in large quantities during the season. pkt 15c. *Seed very scarce, so cannot promise to supply all orders (in pkts. only).*



Montreal Improved Nutmeg Melon.

MONTREAL MARKET—United States grown seed. oz. 20c.; pkt. 5c.

GREEN NUTMEG—Green flesh, finely netted, oval shaped. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

ROCKYFORD—A Colorado variety. Is round in shape, with light green flesh and of medium size. Is a splendid keeper. oz. 20c.; pkt. 5c.

SKILLMAN'S NETTED—Early. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

MANGO, OR VEGETABLE PEACH—For sweet pickles or preserves cannot be surpassed. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

HACKENSACK—Ripens early and is very productive; flesh green and of excellent flavor. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

BANQUET—A deliciously flavored salmon colored variety. Grows to a good size. oz. 20c.; pkt. 5c.

BAY VIEW—Green flesh and oblong shape. $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

LARGE YELLOW MUSK—Large and deeply ribbed; oval shaped. oz. 20c.; pkt. 5c.

PERFECTED DELMONICO—Almost round: skin, when ripe, is bright yellow and finely netted. Flesh deep rich orange and of high quality. $\frac{1}{4}$ lb. 60c. oz. 20c.; pkt. 5c.

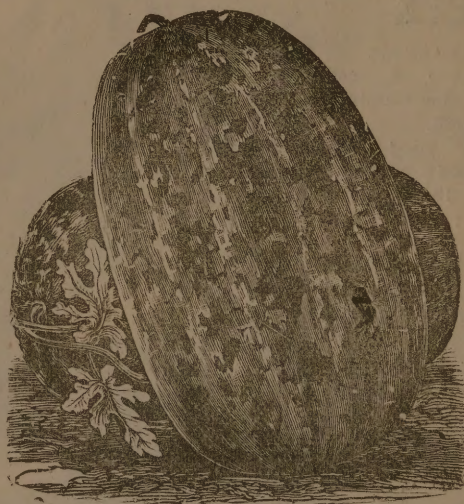


Banquet Melon.

JERSEY BELLE—Large and early, resembling the Montreal Market in appearance. Green flesh of good flavor. oz. 20c.; pkt. 5c.

Water Melon

FR. MELON D'EAU.



Pinney's Early Watermelon.

PHINNEY'S EARLY—One of the earliest sorts. Flesh scarlet, very thin rind. $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

IMPROVED MOUNTAIN SPROUT—Long, with dark green skin. $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

PEERLESS—Scarlet fleshed variety. oz. 10c.; pkt. 5c.

BLACK SPANISH—Red flesh. $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

MOUNTAIN SWEET—Fine quality; oval, scarlet flesh. $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

CUBAN QUEEN—Oval shaped, skin regularly striped with green. $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

CITRON—Round small fruit; used for making preserves. $\frac{1}{4}$ lb. 30c.; oz. 10c.; pkt. 5c.

Mustard—FR. MOUTARDE.

During Spring and Summer, sowings should be made every few days, to provide a continuous supply.

WHITE—lb. 30c.; $\frac{1}{4}$ lb. 15c.; oz. 10c.; pkt. 5c.

CHINESE—Leaves are dark green and large. lb. \$1; $\frac{1}{4}$ lb. 30c.; oz. 10c.; pkt. 5c.

PICKLING MUSTARD—For flavoring. lb. 20c.

Mushroom—FR. CHAMPIGNON.

FINEST ENGLISH MILLTRACK MUSHROOM

SPAWN—Per brick, 15c.; per doz. \$1.50.

FRENCH MUSHROOM SPAWN—Loose; in boxes containing 2 lbs. each, with full cultural directions. Per box \$1.

Okra

LONG GREEN—oz. 20c.; pkt. 5c.

The seed pods of this vegetable are used in soups and stews.

Onion—FR. OGNON.

One ounce will sow 100 feet of drill; or five pounds to the acre is required.

We take the greatest care in the selection of our stocks of Onion seed. There are immense quantities of carelessly grown and old seed on the market, and though offered extremely low, would be very dear if got for nothing. Our stocks of **Red Wethersfield** and **Yellow Danvers** have been specially grown for us, and are **good and thoroughly reliable** in every respect.



GIANT PRIZE TAKER—This immense Spanish variety is probably the largest onion grown. The outside skin is of a rich straw color, while the flesh is white and mild. lb. \$1.25; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

MAMMOTH SILVER KING—Single onions have weighed three lbs. It matures early, is a white skinned variety, in shape somewhat flat, and of an exceedingly mild flavor. lb. \$1.75; $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

GIANT ROCCA—Oval shaped, yellow; large and of mild flavor. lb. \$1.25; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

Seeds of the preceding are better started early in boxes in the house, or in a hot bed, and planted out in May. The onions will then mature thoroughly and attain great size.

EXTRA SELECTED LARGE RED WETHERSFIELD—

Large, flat, handsome bulbs—is the standard variety in this market—a heavy cropper and a splendid keeper. lb. \$1.10; $\frac{1}{4}$ lb. 30c.; oz. 15c.; pkt. 5c.

EXTRA EARLY RED WETHERSFIELD—Similar to Red Wethersfield, but smaller and earlier. lb. \$1.20; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

Onion—CONTINUED.

Large Red Wethersfield Onion.

EXTRA SELECTED YELLOW GLOBE DANVERS—

Early and of a mild flavor and a good cropper. lb. \$1; $\frac{1}{4}$ lb. 30c.; oz. 15c.; pkt. 5c.

FLAT DANVERS—A splendid variety for either market or home use. Flatter than the "Globe Danvers." lb. 90c.; $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

RED GLOBE—Mild flavor and handsome shape. lb. \$1.25; $\frac{1}{4}$ lb. 35c.; oz. 15c.; pkt. 5c.

WHITE GLOBE—Same as preceding except in color. lb. \$2; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 5c.

AUSTRALIAN BROWN—Very early, fair size and a grand keeper. lb. 90c.; $\frac{1}{4}$ lb. 25c.; oz. 10c.; pkt. 5c.

WHITE PORTUGAL—Flat shaped, early, mild flavor. lb. \$1.75; $\frac{1}{4}$ lb.; 50c.; oz. 20c.; pkt. 5c.

THE QUEEN—A small, early white variety. Suitable for pickling. lb. \$1.75; $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY WHITE BARLETTA—A white pickling variety. Is two weeks earlier than "Queen." lb. \$1.75; $\frac{1}{4}$ lb. 50c.; oz. 20c.; pkt. 5c.

MAMMOTH RED ITALIAN—A mild variety of flat shape. Grows to an immense size. Flesh almost white, red skin. oz. 20c.; pkt. 10c.

MAMMOTH WHITE ITALIAN—A pure white, mild sort, flat in shape. Bulbs grow to a Mammoth size. oz. 20c.; pkt. 10c.

Large buyers of Onion seed will please apply for special prices.



Mushroom.

When ordered by mail, add 5 cts. per brick and 15 cts. per box to prices of Mushroom Spawn, for postage in the Dominion. See beginning of Catalogue for cultural directions.

Onion Sets—FR. SET D'OGNONS.



By mail add 5c. per lb. for postage in the Dominion.

White Bottom Sets..	per lb.	18c.
Yellow Bottom Sets..	"	15c.
Red Bottom Sets..	"	15c.
Top onions..	"	20c.
Potato Onions ..	"	12c.
Shallots..	"	10c.

Special prices for large quantities on application.

Parsnip

FR. PANAIS.

One ounce will sow about 125 feet of drill. Five pounds will sow one acre.

DOBBIE'S SELECTED
—For description see "Novelties and Specialties." pkt. 15c.

COOPER'S CHAMPION HOLLOW CROWN—A remarkably fine type with great thickness of shoulder and very small heart or core. We strongly recommend it. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

IMPROVED HOLLOW CROWN—Heavy crop-per, long smooth root, lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

THE STUDENT—Long and very smooth. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.



Parsley—FR. PERSIL.

One ounce will sow 140 feet of drill.

DWARF PERFECTION, NEW—For description see "Novelties and Specialties." pkt. 10c.

NEW PERPETUAL CURLED—Perennial. Is hardy enough to stand the severest winter. oz. 15c.; pkt. 5c.

TRIPLE CURLED—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

COVENT GARDEN—Finely curled, long stemmed sort, for garnishing. lb. \$1; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

MOSS CURLED—The best curled of all. lb. \$1; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

PLAIN LEAVED—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Pepper—FR. PIMENT.

JAPANESE CLUSTER—An immensely productive variety producing clusters of small coral-red peppers. pkt. 5c.

LUCULLUS—See "Novelties and Specialties." pkt. 10c.

CELESTIAL—The fruits stand upright, when full grown are delicate yellow, changing to intense scarlet. oz. 40c.; pkt. 5c.

CAYENNE—Red pods, very pungent. oz. 40c.; pkt. 5c.

CARDINAL—Is a vigorous grower with fine, dark green foliage. Fruits are 6 to 8 inches in length, and bright scarlet. oz. 40c.; pkt. 5c.

BLACK NUBIAN—The peppers are never green, but always coal black and are good for pickling at any stage of growth. oz. 40c.; pkt. 5c.

PROCOPP'S GIANT—Large fruit, often from 8 to 9 inches long. Bright scarlet, very fleshy, and not pungent. oz. 40c.; pkt. 5c.

LARGE RED—Bright red. oz. 30c.; pkt. 5c.



Cardinal Pepper.

LARGE BELL—Bright red. oz. 40c.; pkt. 5c.

GOLDEN DAWN—Large, bright yellow fruit. oz. 40c.; pkt. 5c.

CHERRY—Small, smooth and round, red. oz. 40c.; pkt. 5c.

Pumpkin—FR. CITROUILLE.

If by mail, postage must be added at the rate of 5c. per lb.

CALHOUN—Skin is a creamy brown, while the flesh is a deep salmon yellow, wonderfully thick and finely grained, and the seed cavity is small. ¼ lb. 50c.; oz. 25c.; pkt. 5c.

KING OF THE MAMMOTHS—Grows to a prodigious size, often attaining the weight of 250 lbs. The flesh is solid and desirable for cooking. ¼ lb. 75c.; oz. 25c.; pkt. 10c.

CUSHAW } Good cooking } lb. \$1; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

CHEESE } varieties. }

YELLOW or CONNECTICUT FIELD—lb. 40c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Potatoes—FR. PATATES.

We keep in stock a full line of the best varieties and will be pleased to mail priced circular on application.

We call the attention of our Market Garden Customers to our complete stock of Planet Junior and Iron Age, Horse and Hand Cultivators, Horse Harrows, Celery Hillers, Seed Drills, etc. No market Gardener should be without these tools.

Peas

One pound or pint will sow about 50 feet of drill.
Two bushels will sow an acre in drills.

Market Gardeners and Canners requiring large quantities should send for Market Gardeners' price list.

Main Crop Varieties

STRATAGEM—Blue wrinkled marrow; heavy cropper. Fine flavor, large peas and long pods; peck, 2 feet \$2.25. lb. 25c.

PRIDE OF THE MARKET—We strongly recommend it, both for flavor and crop. lb. 20c.

TELEPHONE—A wrinkled marrow pea of the very best quality and very productive; stalks average 15 to 20 pods each; 4 feet. lb. 20c.

YORKSHIRE HERO—Large and fine quality; 3 feet. lb. 15c.

CHAMPION OF ENGLAND—Green wrinkled; 4 ft.; peck \$1.20; lb. 15c.

BLISS' EVERBEARING—A continuous bearer. Peas large and of fine quality; 3 feet. lb. 15c.

DUKE OF ALBANY—Splendid wrinkled variety. Peas large and sweet. We strongly recommend it. lb. 20c.

HEROINE—Green wrinkled. Long, slightly curved pods, containing from 9 to 10 peas, of finest quality; 2½ feet. lb. 20c.



Stratagem Peas.

SUGAR—Tall, 5 feet, lb. 50c. **Dwarf**, 2 feet., lb. 50c. The young pods are very tender, and when cooked whole make a delicious dish.

Late Varieties

BLUE IMPERIAL—Hardy and productive; 4 feet. lb. 10c.

BLACK EYE MARROWFAT, WHITE MARROWFAT—Two very prolific sorts; pods ripen all at the same time, so successive sowings should be made; 4 feet. Bush. \$1.30; peck 50c.; lb. 10c.

Extra Early Varieties

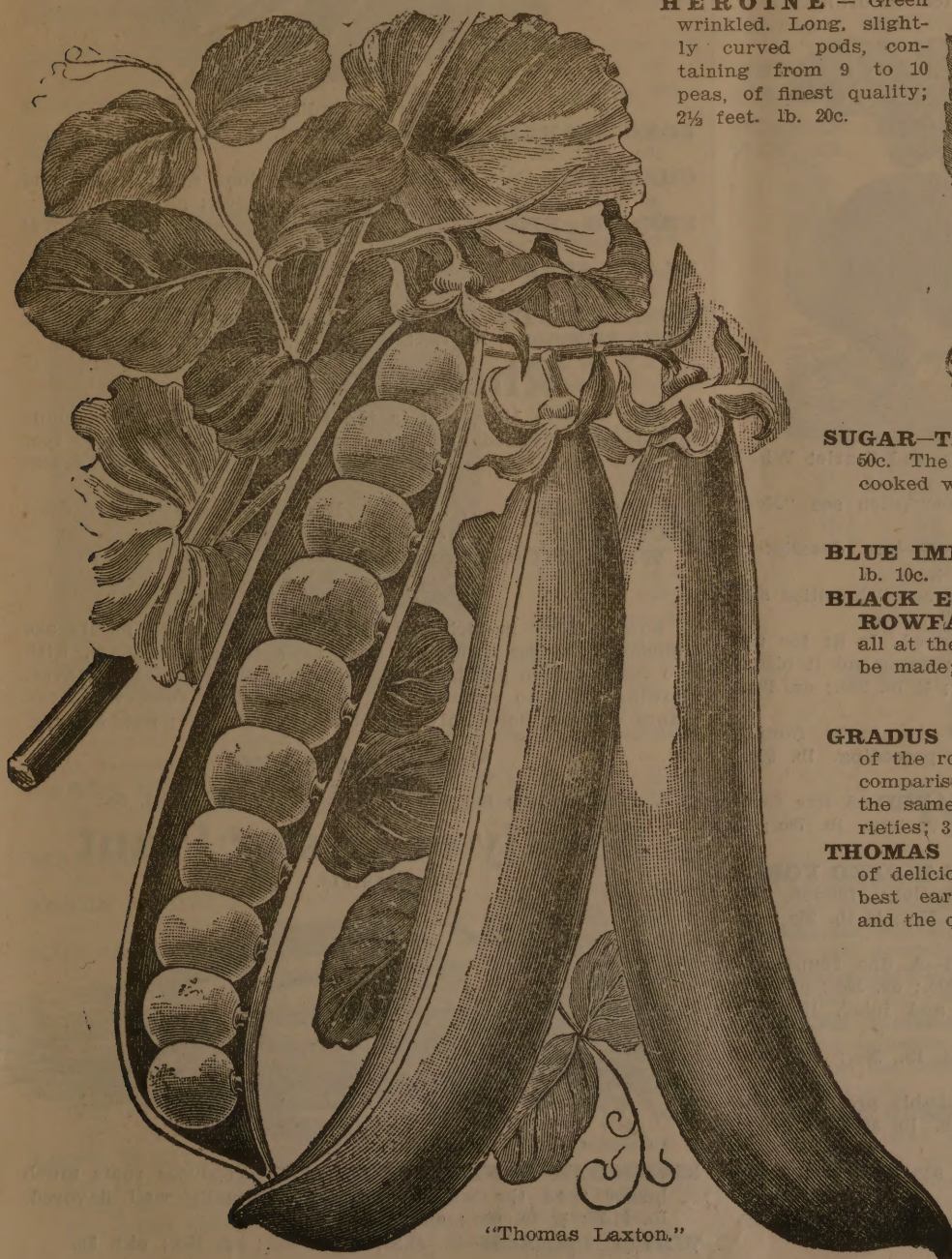
GRADUS OR PROSPERITY—Is as early as any of the round varieties while in flavor there is no comparison. The pods and peas are large, with the same delicious taste as the best wrinkled varieties; 3 feet. Per lb. 30c.

THOMAS LAXTON—A grand new wrinkled pea of delicious flavor and taking it all round is the best early pea. Pods are larger than Gradus and the quality is delicious. 3 feet. Per pound 30c.

EXTRA EARLY STAR—Round, smooth, white variety. One of the earliest and best first crop peas. Bears well, ripens evenly and seldom requires more than two pickings to clear off the crop; 2½ feet. Peck, \$1.25; lb. 15c.

ALASKA—Is the earliest, smooth, blue pea in cultivation. A valuable sort for early marketing; height, 2 feet. Peck, \$1.25; lb. 15c.

AMERICAN WONDER—An early wrinkled sort; there is no better dwarf variety; 1 foot. Peck, \$2.20; lb. 25c.



"Thomas Laxton."

Peas—CONTINUED.

If ordered by mail, add 5c. per lb. postage in Dominion, and 16c. per lb. in U.S. and Newfoundland.

McLEAN'S LITTLE GEM—A green wrinkled sort, of delicious flavor; 1 foot. Peck, \$2; lb. 25c.

NOTT'S EXCELSIOR—A superior early wrinkled variety. Very prolific; 1 foot. Peck, \$2.25; lb. 25c.

HORSFORD'S MARKET GARDEN—Is a cross between Alpha and American Wonder. Requires no stakes, is extremely prolific and bears its pods in pairs; 2 feet. Peck, \$1.25; lb. 15c.

CARTER'S FIRST CROP—Very early and prolific; 3 ft. lb. 15c.; peck \$1.25.

See "Novelties and Specialties" in Vegetables for New and Valuable English VARIETIES OF PEAS.

Radish—FR. RADIS.

One ounce will sow one hundred feet of drill.



Types of our Scarlet Turnip, White Turnip and Scarlet White Tipped Radishes.

CRIMSON GIANT FORCING—For description see "Novelties and Specialties." pkt. 10c.

DANISH OLIVE SHAPED FORCING—For description see "Novelties and Specialties." pkt. 10c.

SALVATOR SUMMER—For description see "Novelties and Specialties." pkt. 10c.

NON PLUS ULTRA—Scarlet, turnip shaped. Is fit for use from 3 to 4 weeks from sowing. We recommend it either for forcing or open air culture. lb. 70c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

EXTRA EARLY WHITE TURNIP—An early forcing variety, maturing about same time as preceding. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

EXTRA EARLY WHITE OLIVE SHAPED—A fine forcing sort, and the earliest olive shaped variety. lb. 70c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

EARLIEST DEEP SCARLET WHITE TIPPED FORCING—It is a superior round forcing variety; tender, and has a fine appearance on the table. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY SCARLET WHITE TIPPED—A fine round variety and very popular. lb. 70c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

EARLY SCARLET TURNIP—Tender and juicy. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

EARLY WHITE TURNIP—lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

NEW GOLDEN TURNIP—Looks remarkably pretty on the table among the scarlet and white sorts. lb. \$1; ¼ lb. 30c.; oz. 15c.; pkt. 5c.

EARLY FRAME—An early half long scarlet variety. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

SCARLET OLIVE SHAPED—Deep scarlet, grows quickly. lb. 70c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Radish—CONTINUED.



Chartier Radish.

LONG SCARLET—Long smooth root. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

CHARTIER—Pale scarlet. Very early, long smooth root, and of mild flavor. lb. 70c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

FRENCH BREAKFAST—Very early and tender; oval shaped. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

BLACK SPANISH—Winter variety, should be sown late. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

ROSE WINTER CHINA—Keeps well stored in the cellar for winter use. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Rhubarb—FR. RHUBARBE.

Sow seed in May, and in the succeeding spring transplant into deeply trenched and well-manured soil, leaving three feet between plants. In fall the beds should receive a heavy dressing of manure.

ST. MARTIN } Roots 20c. each; \$2 per doz.;
VICTORIA } oz. 20c.; pkt. 5c.

WILD RICE—*Zizania*. See Miscellaneous Seeds.

Sea Kale

Sow in May in richly manured soil, and when plants are sufficiently strong transplant into rows three feet apart, with two feet between plants. In fall cover with two feet of leaves, allowing these to remain until the succeeding June, when the plants will be thoroughly blanched. Per oz. 25c.; pkt. 5c.

Scorzonera

Cultivate same manner as Salsify. oz. 20c.; pkt. 5c.

Salsify or Oyster Plant

FR. SALSIFIS.



MAMMOTH SANDWICH ISLAND—Produces roots much larger than the white French and equally well flavored. lb. \$1.75; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

WHITE FRENCH—lb. \$1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Spinage—FR. EPINARD.

Viroflay Spinage.

One ounce will sow one hundred feet of drills, 10 or 12 lbs. for an acre in drills.

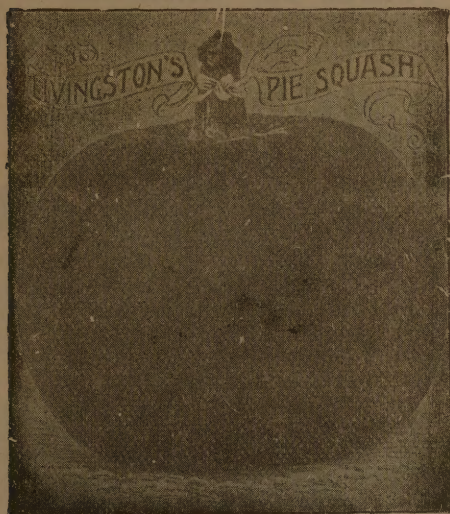
VIROFLAY—One of the best varieties, producing thick crumpled leaves; stands a long time without running to seed. lb. 30c.; $\frac{1}{4}$ lb. 20c.; oz. 10c.; pkt. 5c.

LETTUCE LEAVED—Dark green succulent leaves. lb. 30c.; $\frac{1}{4}$ lb. 20c.; oz. 10c.; pkt. 5c.

LONG STANDING—Valuable for Spring sowing; does not run to seed quickly. lb. 30c.; $\frac{1}{4}$ lb. 20c.; oz. 10c.; pkt. 5c.

PRICKLY—Hardy; for autumn sowing. lb. 30c.; $\frac{1}{4}$ lb. 20c.; oz. 10c.; pkt. 5c.

BLOOMSDALE—A fine early variety producing thick curled leaves. lb. 30c.; $\frac{1}{4}$ lb. 20c.; oz. 10c.; pkt. 5c.

**Squash**

—FR. COURGE.

LIVINGSTON'S NEW PIE—Flesh sweet, and finely grained; unexcelled for pies or stewing. oz. 15c.; pkt. 5c.

FORDHOOK—Yellow rind and straw colored flesh and of delicious flavor. Ripens early and keeps well. lb. 75c.; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

FAXON—Flesh is orange, with very small seed cavity. The shell almost disappears when cooked; flavor is excellent. Is a splendid keeper. oz. 15c.; pkt. 5c.

EARLY PROLIFIC MARROW—There is no better keeping variety, and it is early and productive. lb. \$1.25; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

MAMMOTH—Very large. Selected seed. $\frac{1}{4}$ lb. 75c.; oz. 25c.; pkt. 10c.

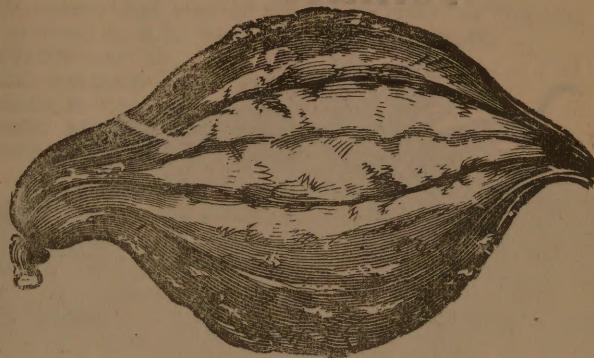
ESSEX HYBRID—A grand winter variety of delicious flavor and a splendid keeper. lb. \$1.25; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

HUBBARD—A select strain of this popular winter variety, the squashes growing to a great size. lb. \$1.25; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

MARBLEHEAD—A winter variety, resembling the Hubbard, but lighter colored flesh, dry and sweet. lb. \$1.25; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

VEGETABLE MARROW—A favorite early variety, fruit long with white flesh and rich flavor. Plant hills, 8 feet apart. lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 5c.

LONG WHITE BUSH MARROW—Is an improvement on the trailing Vegetable Marrow. Fruit is large and handsome, and the plant is of bush form, so can be planted from 3 to 4 feet apart. lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 5c.

Squash—CONTINUED.

Hubbard Squash.

TURBAN—A superior late variety; of fair size. lb. \$1.25; $\frac{1}{4}$ lb. 40c.; oz. 15c.; pkt. 5c.

BOSTON MARROW—A late variety. A good keeper and of fine flavor. lb. \$1; $\frac{1}{4}$ lb. 30c.; oz. 15c.; pkt. 5c.

ITALIAN STRIPED MARROW—lb. \$1.75; $\frac{1}{4}$ lb. 60c.; oz. 20c.; pkt. 5c.

WHITE BUSH, } Both are productive and early. oz. 15c.;
YELLOW " } pkt. 5c.

SUMMER CROCKNECK, } Both are bush varieties, the
WINTER " } Summer being the best early
squash. oz. 15c.; pkt. 5c.



Long White Bush Marrow.

Tomato—FR. TOMATE.

One ounce will produce about thirteen hundred plants.

LIVINGSTON'S NEW GLOBE—For description see "Novelties and Specialties." pkt. 25c.

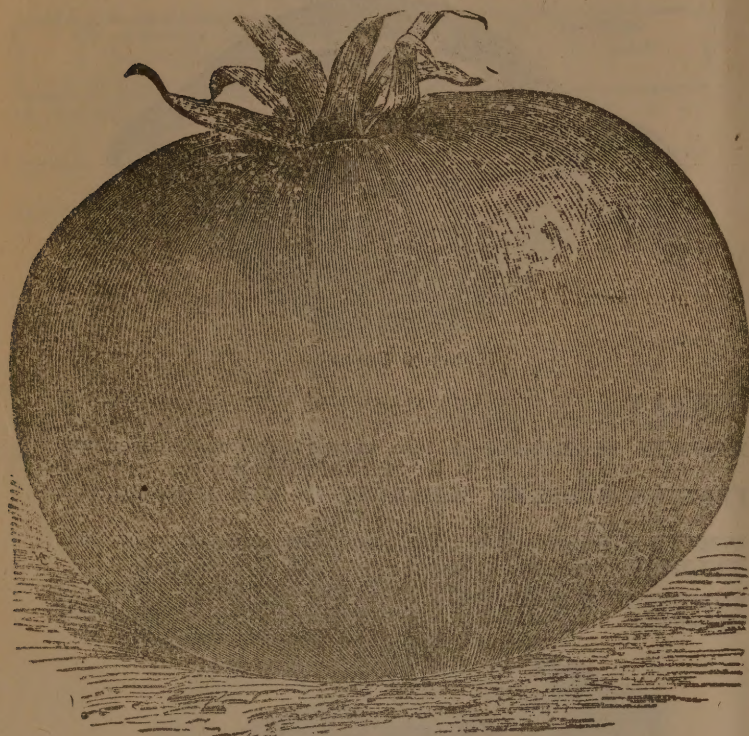
"CHALKS EARLY JEWEL"—For description see "Novelties and Specialties." pkt. 10c.

EVERBEARING—For description see "Novelties and Specialties." Per pkt. 10c.

SPARKS EARLIANA—The earliest Tomato grown producing immense clusters of good sized fruits. Solid flesh of deep red color and excellent flavor. Grand variety. oz. 30c.; pkt. 5c.

CRIMSON CUSHION—Large, and like Ponderosa produces but little seed, but is far handsomer than that sort. Is a second early and an enormous cropper. Bright red, without the slightest tinge of purple, and for flavor and solidity is unexcelled. oz. 40c.; pkt. 5c.

Tomato—CONTINUED.



Crimson Cushion Tomato.

FREEDOM—A good sort in every way. Some varieties may produce a few fruits earlier, but none will produce as much fruit during the earlier part of the season, and it will keep on producing till frost stops it. Grows in clusters, is round and of a bright red color. oz. 40c.; pkt. 5c.

ATLANTIC, OR EARLIEST OF ALL—A fine variety producing medium sized, smooth, solid and finely colored fruit. Is one of the earliest sorts and particularly suitable for early marketing. ¼ lb. 70c.; oz. 20c.; pkt. 5c.

CANADA VICTOR—Very early. ¼ lb. 70c.; oz. 20c.; pkt. 5c.

ACME—Early and smooth. Per oz. 20c.; pkt. 5c.

NEW STONE—Bright scarlet, smooth and solid. Does not crack when ripe. One of the best. oz. 20c.; pkt. 5c.

BRINTON'S BEST—A grand variety, large fruit, fine color and solid. oz. 30c.; pkt. 5c.

DWARF CHAMPION—Comparatively free from rot; erect habit and fine form. Dull red. Is a great favorite, especially in small gardens. oz. 25c.; pkt. 5c.

LIVINGSTON'S "HONOR BRIGHT"—Smooth, bright red fruit, so solid that, if picked in the earlier stages of ripening, it can be shipped in barrels, like apples. Will keep for weeks in a cool place. Extra fine flavor. oz. 20c.; pkt. 5c.

LIVINGSTON'S ROYAL RED—Canners pronounce this a perfect tomato in every way. Deep red without any purple tinge, and is large and solid. oz. 20c.; pkt. 5c.

LIVINGSTON'S BEAUTY—Large, solid, purplish red fruit and an immense yielder. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

LIVINGSTON'S FAVORITE—Dark red, large, smooth, and seldom cracks. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

LIVINGSTON'S PERFECTION—Has every valuable quality; good size, extremely early, blood red color and perfectly smooth. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

PONDEROSA—The largest tomato in cultivation. Purplish red. oz. 40c.; pkt. 10c.

TROPHY—Grows to an immense size; is solid and of fine flavor. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

LARGE YELLOW—For preserving. oz. 25c.; pkt. 5c.

PEAR SHAPED—Grows in clusters, producing small fruit of delicious flavor. oz. 50c.; pkt. 5c.

YELLOW PLUM—For preserves. oz. 50c.; pkt. 5c.

Tomato—CONTINUED.
STRAWBERRY OR GROUND CHERRY—Strawberry flavored; is used for preserving. oz. 50c.; pkt. 5c.



PEACH TOMATO—

Fruit is produced in clusters; is solid and red colored inside, while the skin is pinkish green. Used for preserving. oz. 50c.; pkt. 5c.

Turnip—FR. NAVET.

One ounce will sow one hundred feet of drill.

DOBBIE'S MODEL—Pkt. 10c.

DOBBIE'S SELECTED GOLDEN BALL—Pkt. 10c. For description of these two varieties, see "Novelties and Specialties."

EXTRA EARLY PURPLE TOP MILAN—The earliest turnip in cultivation. Bulbs flat and of medium size, very solid white flesh and fine quality. lb. 70c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.



White and Purple Top Milan Turnip.

NEW EARLY WHITE, MILAN—A counterpart of the Purple Top Milan, but with pure white skin. lb. 80c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

ROBERTSON'S GOLDEN BALL—The best yellow for general crop. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

ALTRINGHAM YELLOW—Small but good for early or late sowing. lb. 50c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY WHITE STONE—lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

WHITE DUTCH—Early, flat shape. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

WHITE STRAP LEAVED—Fine sort and of quick growth. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

RED TOP STRAP LEAVED—lb. 35c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.

LAING'S SWEDE—Purple top. The best garden variety of Swede Turnip, medium size and excellent quality. lb. 30c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.

SWEET GERMAN SWEDE—Medium size and of fine flavor, and solid. lb. 35c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.

For other varieties see Agricultural Seeds.



Tobacco.

Tobacco

CANELLE — A fine flavored small Canadian variety. oz. 50c.; pkt. 5c.

SMALL RED CANADIAN — oz. 50c.; pkt. 5c. Makes fine smoking tobacco.

PERFUME OF ITALY—oz. 75c. pkt. 10c.

PERSIAN ROSE—oz. 75c.; pkt. 10c.;

LARGE HAVANA—oz. 50c.; pkt. 5c.

SMALL HAVANA—oz. 40c.; pkt. 5c.

	oz.	pkt.
CONNECTICUT	30c.	5c.
MARYLAND	60c.	5c.
BLUE PRYOR	40c.	5c.
VIRGINIAN	50c.	5c.
WHITE BURLEY	30c.	5c.

Herbs

Sweet, Pot and Medicinal

Herbs are for the most part Perennial, but it is best to treat them as annuals. Sow in spring in rows and thin out, the distance between plants being regulated by the height of variety, or they can be sown either in a hot-bed or open ground, and transplanted. Should be harvested in dry weather and dried in the shade. Herb seeds are mostly very fine, so that care is necessary when sowing.

ANISE—For seasoning, resembles Fennel. oz. 20c.; pkt. 5c.

ANGELICA—For seasoning. oz. 20c.; pkt. 5c.

BALM—Used for making balm tea. oz. 25c.; pkt. 5c.

BORAGE—Leaves used in salads. oz. 35c.; pkt. 5c.

CATNIP—A favorite medicinal herb. oz. 60c.; pkt. 5c.

CORIANDER—Seeds are used in confectionery. oz. 15c.; pkt. 5c.

DILL—Leaves are used for flavoring soups and sauces. oz. 20c.; pkt. 5c.

FENNEL—Fine for garnishing. oz. 20c.; pkt. 5c.

FENUGREEK—For medicinal purposes. oz. 15c.; pkt. 5c.

HENBANE—Used as an opiate. pkt. 5c.

HYSSOP—Used for medicinal purposes. oz. 25c.; pkt. 5c.

HOREHOUND—For medicinal purposes. oz. 25c.; pkt. 5c.

LAVENDER—A popular aromatic herb. oz. 25c.; pkt. 5c.

POT MARIGOLD—For seasoning. oz. 40c.; pkt. 5c.

ROSEMARY—An aromatic herb. oz. 50c.; pkt. 5c.

SWEET MARJORAM—For seasoning. oz. 15c.; pkt. 5c.

POT —For seasoning. oz. 50c.; pkt. 5c.

SUMMER SAVORY—For seasoning. ¼ lb. 30c.; oz. 15c.; pkt. 5c.

SAVORY, WINTER—For seasoning. oz. 25c.; pkt. 5c.

Herbs—CONTINUED.

SAGE—Leaves and tops of shoots are used for dressing and in sauces. lb. \$1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

SAFFRON—pkt. 5c.

SOREL BROAD LEAVED—oz. 15c.; pkt. 5c.

SCARIOLE—Used in salads. oz. 15c.; pkt. 5c.

THYME, SUMMER—For seasoning, etc. oz. 20c.; pkt. 5c.

THYME, WINTER—For seasoning. oz. 20c.; pkt. 5c.

Miscellaneous Seeds

WILD RICE—(*Zizania Aquatica*)—Grown in marshes and swamps. Wild ducks and other water fowl feed on it. lb. 25c. If by mail 30c.

FLAX SEED—For sowing, feeding and medicinal purposes. lb. 5c.; \$2 per bush., choice re-cleaned.

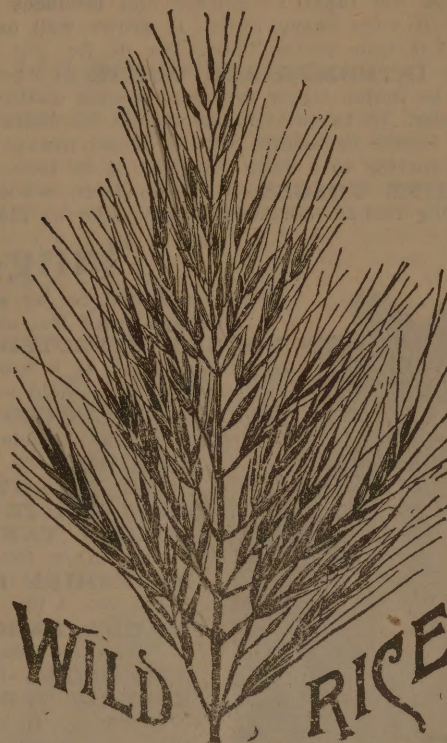
POP CORN—Best white, 10c. per lb.; 3 lbs. 25c.

CELERY SEED—For flavoring. lb. 50c.; oz. 10c.

PUMPKIN SEED—lb. 40c.; ¼ lb. 20c.; oz. 10c.

GIANT RUSSIAN SUNFLOWER—lb. 10c.; 10 lbs. 75c.

EVERGREEN BROOM CORN—Per lb. 15c.; 10 lbs. \$1.



Birds Seeds

CANARY—Re-cleaned. lb. 10c.; 3 lbs. 25c.

HEMP—lb. 10c.

MILLET—lb. 5c.

RAPE—lb. 10c.; 3 lbs. 25c.

MAW—lb. 25c.

LETTUCE SEED—For birds. oz. 5c.

MIXED BIRDSEED—Our Standard Mixture, fresh re-cleaned seed. lb. 10c.; 3 lbs. 25c.

MIXED SEED FOR PARROTS—lb. 10c.; 3 lbs. for 25c. Prices for large quantities on application.

AGRICULTURAL SEEDS.

While strongly advocating the growing of Corn and the Silo system, it is a fact that many sections of the Dominion are better adapted for growing roots than Corn, and even where Corn can be successfully grown, we advise the sowing of roots as well. Both are best. The sowing of the **BEST QUALITY** of seeds is of the utmost importance, but the Farmer has to do his part also, and success with root crops need not be expected unless the land be thoroughly and deeply cultivated, and from twenty to thirty loads of stable manure applied the previous fall (or its equivalent in artificial manures) per acre.

Add 5c. per lb. for Canada and 16c. per lb. for the U. S. and Newfoundland, if ordered by mail.

Carrot—FR. CAROTTE. CLEAN RUBBED SEED.

Field Varieties

Carrot Seed, if sown when the soil is cold, germinates slowly, so that it is best to allow the warm spring weather to have set in before sowing. When sowing be careful to roll the drill, or in some way "firm" the soil round the seed. Four pounds of seed will sow an acre.

HOPKIN'S MILVERTON WHITE—A new and improved form of white Carrot. It is longer than any variety of Intermediate Carrot, and though the shoulder is hardly so large it does not taper so quickly and produces an enormous crop of very heavy roots. It grows well out of the ground and is thus easily lifted. Per lb. 75c.

IMPROVED INTERMEDIATE WHITE—No better field carrot can be found, either for crop, feeding quality or ease in harvesting. It is smooth, handsome in shape, seldom exceeds 15 inches in length, with a broad heavy shoulder, gradually tapering to a point. lb. 50c.; ¼ lb. 15c.

SHORT WHITE VOSGES—It differs from preceding variety in being rather shorter, but is broader at the top and

retains its thickness more to the point. Is a remarkably heavy yielder. lb. 40c.; ¼ lb. 15c.

GIANT GREEN TOP WHITE—An improved White Belgian, the roots being much heavier than the ordinary White Belgian, though hardly so long, and are of finer texture. lb. 50c.; ¼ lb. 15c.

WHITE BELGIAN—A long white variety, the root growing well out of the ground. Succeeds well on light deep soils. lb. 30c.; ¼ lb. 10c.

YELLOW BELGIAN—Solid, but not large. lb. 50c.; ¼ lb. 15c.

GREEN TOP ORTHE—Medium in size between Vosges and White Belgian. lb. 50c.; ¼ lb. 15c.

HALF LONG DANVERS IMPROVED—Heaviest cropping red variety. lb. 70c.; ¼ lb. 25c.; oz. 10c.

LONG ORANGE—lb. 60c.; ¼ lb. 20c.

NEW YELLOW INTERMEDIATE—An excellent field variety, yielding a heavy crop; roots are a rich yellow color and very nutritious. lb. 75c.; ¼ lb. 25c.

Mangel—FR. BETTERAVE A VACHE.

When ordered to be sent by mail, add 5c. per lb. on Mangel, Carrot and Beet, for Postage, and 2c. on 1-4 lb.

EWING'S SELECTED GIANT YELLOW INTERMEDIATE—Is generally considered the best variety. Is a heavy cropper. Roots are solid, beautifully colored, rich in feeding qualities, and it is a splendid keeper. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

EWING'S SELECTED LONG RED MAMMOTH—The most popular variety for general crop, is a heavy yielder and keeps well. lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

LONG RED—lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

LONG YELLOW—lb. 20c.; ¼ lb. 10c.

LONG WHITE—lb. 25c.; ¼ lb. 10c.

GOLDEN TANKARD—A fine medium sized variety of splendid quality; very solid. lb. 20c.; ¼ lb. 10c.; 4 lbs. 70c.

BERKSHIRE PRIZE YELLOW GLOBE—One of the best globe varieties. lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

WARD'S LARGE OVAL SHAPE—Splendid quality and very solid. lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

RED GLOBE—lb. 20c.; ¼ lb. 10c.

YELLOW GLOBE—lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

Nothing will maintain the general health of Dairy stock and improve the quality and increase the Milk more than a daily feed of **Mangel** along with proper proportions of Hay, Ensilage, Ground Grain, etc.

We call the attention of farmers to our selected stocks of **Golden Tankard, Giant Yellow Intermediate and Mammoth Long Red** as being particularly fine. Five pounds will sow an acre.

Sugar Mangel

(A new and quite distinct variety being a cross between the Mangel Wurzel and the Sugar Beet.)

This new Mangel is a valuable introduction, particularly prominent on account of its great productiveness derived from the Mangel, combined with the unrivalled sugar qualities of the Sugar Beet.

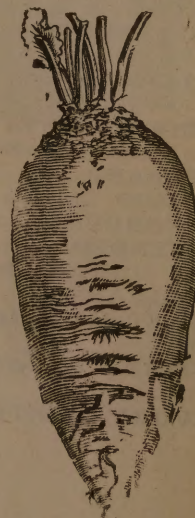
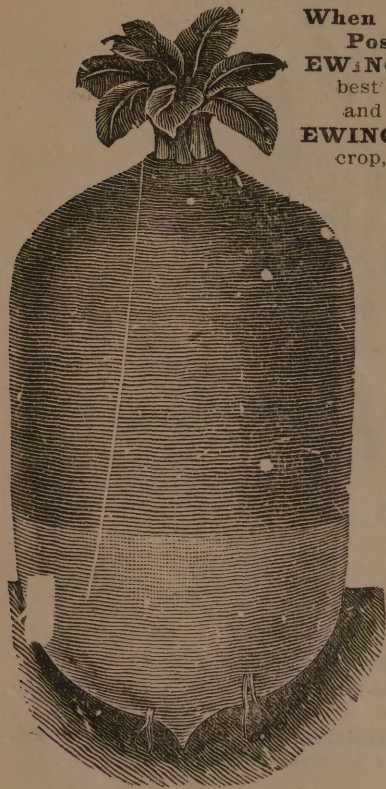
Golden Tankard Mangel.

We are convinced that it is one of the "good new things" which have come to stay. The root is of intermediate shape and grows well above the ground thus making harvesting easy. The flesh of one sort is rose and the other white. Give the Sugar Mangel a trial this year, and our honest opinion is that results will prove highly satisfactory.

EWING'S WHITE GIANT SUGAR MANGEL—lb. 25c.; ¼ lb. 10c.; 4 lbs. 95c.

EWING'S ROSE GIANT SUGAR MANGEL—lb. 25c.; ¼ lb. 10c.; 4 lbs. 95c.

Green Top White Sugar Beet.



Sugar Beet—FR. BETTERAVE SUCRE.

When ordered to be sent by mail, add 5c. per lb. and 2c. on 1-4 lb. on Mangel, Carrot and Beet, for Postage.

Since the introduction of the Danish varieties the use of Sugar Beet for Dairy Cattle has been yearly on the increase. The Danish Beet is much larger than the old Sugar varieties, and not being so "rooty," can be as easily harvested as Mangel, and containing a larger amount of saccharine matter, are thus more nutritious. Cultivate the same as Mangel.

QUEEN OF THE DANES—This "Royal" variety is without doubt the best of all the Red Danish Sugar Beets, both in size and nutritive value, and will grow nearly as heavy a crop as Mangel. In shape it is something like Giant Intermediate Mangel, with a very heavy shoulder tapering gradually to a point, and is of a rosy color above ground. Is largely used in the production of the Dairy products of Denmark, and in order that Canada should compete successfully with that country, we should feed to our Dairy Cattle, as nearly as possible, similar foods. lb. 25c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 90c.

GREEN TOP WHITE SUGAR BEET—A large variety extensively grown for feeding stock. lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 60c.

RED TOP SUGAR BEET—Somewhat smaller than preceding, but of richer quality. lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 60c.

Rape—FR. NAVETTE.

RAPE. BROAD LEAVED ESSEX—Rape is of easy culture and can either be sown at the rate of 2 lbs. per acre, in drills, and cultivated in the same way as Turnips, or may be sown broadcast (but only when the land is clean), at the rate of 5 lbs. of seed to the acre. In order to get a full paying result in either case, the land should be well manured. It can be sown any time in June or early in July, so that its advantages as a "catch" crop are apparent. The best way is to feed it off the field, with sheep or hogs, and there is nothing that will fatten lambs in the fall so well and so cheaply as Rape will. lb. 10c.; in lots of 10 lbs. 80c.; 25 lbs. \$1.75 per 100 lbs. \$6. By mail, add 5c. per lb. for Canadian postage.

Turnip

—FR. NAVET.

If ordered by mail, add 5c. per lb. and 2c. on 1-4 lb. for Canadian postage or 16c. per lb. to Newfoundland or U.S.A. Four pounds of seed are usually sown per acre.

Yellow and White Varieties

These do not keep so well as the Swèdes, but can be sown later, and are heavy yielders.

	Per lb.	Per $\frac{1}{4}$ lb.
GREEN TOP YELLOW ABERDEEN	25c.	10c.
PURPLE " " "	25c.	10c.
PURPLE TOP MAMMOTH	25c.	10c.
WHITE GLOBE	25c.	10c.
GREY STONE	25c.	10c.
WHITE NORFOLK	25c.	10c.
RED TOP STRAP LEAF	35c.	15c.

Swedish Turnip—FR. CHOU DE SIAM.

MAMMOTH CLYDE PURPLE TOP—This variety we can highly recommend. It produces roots of wonderful smoothness and size, and the flesh is remarkably solid and of fine quality. Per lb. 25c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 90c.

DRUMMOND'S SELECTED PURPLE TOP—Our stock of this variety we have imported from the original introducer. We recommend it as being one of the best varieties, owing to its size, superior quality and fine texture of flesh. Per lb. 25c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 90c.



Mammoth Clyde Purple Top Swede.

Swedish Turnip—CONTINUED.

ELEPHANT—This fine Tankard-shaped Swede is probably the largest in cultivation. Per lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 70c.

KANGAROO—A new variety of the Elephant type and a great yielder. lb. 25c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 90c.

CARTER'S IMPERIAL PURPLE TOP—Very productive. Per lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 70c.

SUTTON'S CHAMPION PURPLE TOP—Recommended for general crop; handsome shape and good keeper. Per lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 70c.

BANGHOLM PURPLE TOP—A fine even cropper. Per lb. 20c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 70c.

GREEN TOP SWEDE—Handsome shape and good for table use. A splendid keeper. Per lb. 25c.; $\frac{1}{4}$ lb. 10c.; 4 lbs. 90c.

LAING'S IMPROVED PURPLE TOP—A distinct variety of medium size and small top. Best table swede, and in very dry seasons produces as heavy a crop as larger sorts. Per lb. 30c.; $\frac{1}{4}$ lb. 10c.; pkt. 5c.; 4 lbs. \$1.

SWEET GERMAN—Medium size, fine flavor and solid flesh; for the garden. Per lb. 35c.; $\frac{1}{4}$ lb. 15c.; pkt. 5c.

General List of Grasses.

No farmer can afford making the serious mistake of sowing inferior seed—it is the worst sort of extravagance. Using small or immature and weedy Clover and Timothy results in unprofitable crops of hay and pasture and what is far worse, a plentiful after crop of pernicious weeds, that occupy and rob the land, and make paying crops impossible; no system of Farming can be profitable unless full crops are obtained.



Timothy.

In this connection we are pleased to note that the Department of Agriculture, by the means of lectures and publications, are impressing on farmers the wisdom of only sowing good pure seed of all kinds. The advantage of doing so is so self-

Grasses—CONTINUED.



Orchard Grass.

evident, that we cannot understand how any one of ordinary intelligence would do otherwise. For many years we have made it a strict rule only to retail the very best qualities of seed obtainable, and no other—and should a Farmer wish to buy from us inferior and low priced seed, *we simply will not sell it to him*. This, we consider the most effective plan to protect the Farmer in his seed purchases. In our own experience, however, with the class of men we have to deal with, it requires but little argument to convince them that "poor seed is dear seed, if got in a gift."

Choice Timothy and Clover does not only mean seed entirely free from weeds—this it may be, just as it comes from the thrashing mill—and still 25 p.c. of the weight be immature, light grains, sand, etc., that will not vegetate and is thus worthless. Choice seed should not only be free from weeds, but be bright, of a high percentage of growth and every grain large and plump and uniform in size. This kind of seed, if covered uniformly, will all sprout at the same time, and produce vigorous plants, thus insuring the best results in yield of hay or pasture. Such seed we offer to our patrons and assure them that the cost per acre is but little more than common stuff. In order to send out clean seed, the Seed Merchant must have machinery capable of effecting this, and for years we have given this matter our closest attention. We use the latest invented and most perfect machinery, so that we are able to serve those who favor us with their orders, properly.

Farmers to whom it is inconvenient to deal direct with us, should ask their storekeepers for **Ewing's Choice re-cleaned Lower Canada Timothy**, and be sure that they get it.

TIMOTHY—(*Phleum pratense*)—10c. per lb.; \$6.50 per 100 lbs. bags included, and when any customer wishes a

Grasses—CONTINUED.

written guarantee of the purity and growth of **Clover and Timothy Seed**, we shall be pleased to give it. Write for prices and samples.

Unhulled Timothy Seed, such as is produced in the Province of Quebec, we handle largely, as well as the best grades procurable in Ontario and the United States. With our improved machinery for cleaning and grading, we are in a position to offer samples of the very finest quality.

KENTUCKY BLUE GRASS—(*Poa pratensis*)—15c. per lb.

A fine pasture grass, which thrives best on dry, gravelly soil. Yields a large quantity of herbage very early in the season; its extreme earliness and the close sod it forms makes it very valuable in permanent pastures, or lawns. Imported.

CANADA BLUE GRASS—(*Poa compressa*)—Resembles the preceding, excepting that the stem hardly grows so strong.

One of the best varieties for lawns; makes an excellent pasture; most suitable for high dry land. 10c. per lb.

RED TOP—(*Agrostis vulgaris*)—10c. per lb. Fancy for lawns. 15c. per lb.

For permanent pasture; forms a close sod and succeeds best on moist soil. Should be kept eaten close, so as to prevent its running to seed, the seed stalks being unpalatable to stock.

CREeping BENT—(*Agrostis Stolonifera*)—When mixed with other varieties it makes an excellent pasture grass and alone is much used on Golf Links.—lb. 30c.

RHODE ISLAND BENT—(*Agrostis Canina*)—Good for lawns. Of dwarf creeping habit, admirably adapted for Golf Links, forms a close, fine sod. lb. 30c.

CRESTED DOGSTAIL—(*Cynosurus cristatus*)—50c. per lb.

Useful for pasture, and thrives well on almost any sort of soil. The flower stalks are not eaten by cattle, but all animals are fond of the root leaves.

SHEEP FESCUE—(*Festuca ovina*)—20c. per lb.

Best adapted for gravelly or sandy soils. Grows in tufts, and a small portion of it is of great advantage in permanent pasture, especially where sheep are kept. Very useful for dry uplands or rocky pastures.

HARD FESCUE—(*Festuca duriuscula*)—20c. per lb.

Is a fine pasture grass, and does well in most kinds of soil, but especially on such as are light and dry. Is of dwarf growth, with fine foliage, and forms a close sod.

ORCHARD—(*Dactylis glomerata*)—20c. per lb.; per 100 lbs. \$17.50.

Valuable for hay or pasture, on account of its large yield and ripening at same time as clover. It is best to sow it alone for hay, and a special advantage it has, is, that it is ready for cutting a fortnight or three weeks earlier than Timothy. It is not suitable for thin dry soils, but grows well on any other, and under the shade of trees. For hay it should be cut on the green side. No other grass after being mown or eaten off, grows so quickly again.

ENGLISH PERENNIAL RYE GRASS—10c. per lb.

Is the staple grass used for hay in Britain, as Timothy is in this country. A portion may be used in Pasture Mixtures, on account of its early and strong growth.

MEADOW FOXTAIL—(*Alopecurus pratensis*)—35c. per lb.

A strong growing permanent grass, the flower stalks resembling Timothy. Is remarkable for the great quantity of leafy herbage it produces, in proportion to the quantity of stalk. Succeeds well on almost any kind of soil.

MEADOW FESCUE—(*Festuca pratensis*)—15c. per lb.; per 100 lbs. 13c.

Though of strong growth the herbage is always tender and succulent, and it makes a fine quality of hay as well as pasture. Succeeds well on heavy loams or clay. A particularly valuable grass which we strongly recommend.

TALL FESCUE—(*Festuca Elatior*)—30c. per lb.

Is a tall, coarse growing grass, succeeding well on damp soils.

WOOD MEADOW GRASS—(*Poa nemoralis*)—50c. per lb.

Is suited to almost any variety of soil, is very early, and succeeds better under trees than any other grass.

TALL MEADOW OAT GRASS—(*Avena Elatior*)—25c. per lb.

A strong growing grass, doing well on all sorts of soils.

AWNLESS BROME GRASS—(*Bromus Inermis*)—Valuable for light dry soils. In Manitoba, it has given the best of

Grasses—CONTINUED.

satisfaction, and on dry soils anywhere will succeed well. Is adapted either for hay or permanent pasture. Its roots being difficult to kill, it is advisable to use it only for permanent hay or pasture. 15c. per lb. per 100 lbs. \$13.

Prices for large quantities of Grasses on application.

Clover

WESTERN RED or EARLY RED—Per lb. 18c.; 100 lbs. \$17.50.

LONG LATE RED or MAMMOTH RED CLOVER—Is preferable to the preceding for hay as it grows stronger and ripens later. Per lb. 20c.; \$18 per 100 lbs.

CRIMSON—(*Trifolium incarnatum*)—Grows rapidly in the beginning of the season. If sown on pasture or hay land, just as the snow is going, will produce in ordinary years, a paying crop of pasture. Is not hardy here. Per lb. 10c.

WHITE DUTCH—(*Trifolium repens*)—Valuable in all pasture mixtures, forming in conjunction with pasture grasses, a fine close sod. 20c. per lb. Extra choice for Lawns. Per lb. 25c.

ALSIKE—(*Trifolium hybridum*)—A hybrid between white and red clover. Makes a nutritious fodder and succeeds in low lands better than any other clover. We recommend it to be mixed with either the Western Red or Mammoth, in the proportion of two to five lbs. in all hay mixtures. Per lb. 18c.

YELLOW—Trefoll or Hop Clover. Well adapted as a mixture with other clovers and grasses for pasture, especially for Sheep. Per lb. 15c.

BOKHARA—(*Melilotus albus*)—Sweet-scented, valuable for bees. Per lb. 25c.

LUCERNE or ALFALFA—(*Medicago sativa*)—Yields enormously, and is a sweet and highly nutritious fodder. Should be sown in well-drained soil, with a naturally free and dry subsoil, at the rate of 20 to 25 lbs. per acre and mown frequently during the season. Per lb. 17c.

Prices for large quantities on application and when desired will quote samples Guaranteed as to growth and purity.

Add 5c. per lb. to above prices for Canadian postage, if ordered to be sent by mail.

EWING'S STANDARD LAWN GRASS.



The large and ever increasing demand for **Our Standard Lawn Grass Mixture** is the best guarantee we can offer of its value. We do not say that it is "the finest mixture ever

Standard Lawn Grass—CONTINUED.

offered to the public," but we are justified in saying that there is none better. We use only those varieties of Grasses that are suitable to our Canadian climate, and only the finest qualities of these.

In making a new Lawn it is of the utmost importance that the ground should be free of weeds, and to attain this end a thorough summer fallowing is the best method. Before sowing, the ground should be carefully raked, and then sown evenly, and lightly raked in, after which it should be well rolled or "tamped" down with the back of a spade. New manure should never be used, on account of the numerous weeds which it is sure to produce. Special prices for **Mixed grasses for Golf grounds.**

Ewing's Standard Lawn Mixture, 25c. per lb.

Special Lawn Mixture, 20c. per lb.

About 60 lbs. Seed is required to sow an acre of Lawn.

EWING'S GOLF "PUTTING GREEN" MIXTURE—

Composed only of those grasses that form a close, even sward. Per lb. 25c.

By mail, add 5 cents per pound for Canadian postage.

Special quotations for large quantities, or for special mixtures.

Lawn Dressing

ALBERT'S THOMAS PHOSPHATE POWDER is a perfect fertilizer either for **New Lawns or Golf Links** or for top dressing old ones, and this should be done in the Fall, or early in Spring. It will give the grass a dark green, luxuriant appearance, without risk of sowing the seeds of noxious weeds, unavoidable when top dressing with barnyard manure. Per 100 lbs. \$1.50; 25 lbs. 50c.; 5 lbs. 15c.

Pasture Grasses

Ewing's Standard Pasture Mixture

Contains our special mixture of grasses and clovers of the best and purest qualities, for **Permanent Pasture.** **PRICE PER LB. 16 CTS.**

No. 2 Pasture Mixture

This Mixture will give a crop of hay the first season, and will afterwards make permanent pasture. **PRICE PER LB. 15 CTS.**

In using the above mixture, 25 to 30 lbs. are required to sow an acre, when sown with grain.

NOTE—When mixed grasses to sow 5 acres or more are required, we give special quotations on application.

Indian Corn

INDIAN CORN is better adapted for Ensilage than any other Forage plant, because it produces, per acre, more succulent food and, at a less cost.

It is evident that the variety has much to do with the profit resulting from the Siloing of Corn. We mean by that, that the weight of crop per acre regulates the cost per ton of the Ensilage, so that the varieties that will produce the most tons per acre, and at the same time, are **sure to be ripe enough for the Silo before frost comes**, are the most profitable. Location and time of sowing has to be taken into account. If not sown till well on in June, sow an early Flint Corn, in most sections of the Dominion. If sown middle of May, a taller and later sort would be most profitable. There are many varieties of Dent Corn that, even in the Province of Quebec, are certain to come to the right stage of maturity for Siloing, and that will produce from a quarter to a third more than the Flint Varieties. We, therefore, suggest to those who, in the past, have only grown Flint Corn, that they should try some of the early Dent varieties.

Corn—CONTINUED.

One very important point to be observed in sowing Corn is this, that the **distance apart in rows or hills should be regulated by the height variety naturally grows**, and if 3 feet or 3½ feet apart is the proper distance for a tall growing sort like **Red Cob**, a ½ foot less would be equally right, for, say **Sanford, Compton, Longfellow, or most of the Sugar varieties.**

There is certainly a difference in weight per acre between the tall growing Dent varieties and the early Flint sorts, but when the drills of the latter are a foot narrower, the difference in favor of the tall growing sorts is not so much as might be expected.

We still continue to recommend **Sugar Corn** for Ensilage. There is no doubt but that it is more nutritious than either **Dent or Flint** varieties can possibly be. It certainly is much better than either for feeding green, as cattle will not eat up clean the butts of any but **Sweet Corn.**

Dent Varieties

Note.—In comparing ours with western prices, please note that the difference in freight, **in favor of Montreal**, to points in eastern Ontario, Quebec and all the Lower Provinces, amounts to 10c. per bushel on the average.

NORTH STAR—A new yellow Dent variety, a strong grower very early and altogether one of the best sorts for Ensilage. Per bush. \$1.30.



Corn Dent Varieties—CONTINUED.

CLOUD'S EARLY YELLOW—Strong growth and early. Is highly thought of for Ensilage. Per bush. \$1.20.

KING OF THE EARLIEST—Is one of the earliest varieties. Will produce ripe ears. 8 to 9 ft. Bush. \$1.20.

EARLY BUTLER—Ripens early and produces a good crop of shelled corn or Forage. 8 to 9 feet. Bush. \$1.20.

EXTRA EARLY HURON—Is as early in maturing as the Flint varieties, and thus suitable for late sowing. We highly recommend it. 8 to 9 feet. Bush. \$1.20.

CHAMPION WHITE PEARL—Medium early, white, of branching habit and profuse foliage, with numerous large sized ears. We strongly recommend it. 11 feet. Bush. \$1.30.

NEW WHITE CAP YELLOW—Is early, grows heavy, leafy stalks, while the ears are as large as the average Dent Corn, more numerous, and much fuller at the points. 10 feet. Bush. \$1.20.

In a dry year, or on poor soil, none will yield better.

IMPROVED YELLOW LEAMING—Large ears with long, bright, yellow kernels, on a small cob. Matures early, and has a strong, leafy stalk. We highly recommend it. 10 ft. to 11 ft. Bush. \$1; Ordinary Leaming, 90c. per bushel.

PRIDE OF THE NORTH—(Golden Yellow Dent.)—Matures early, and is a heavy cropper. 10 feet. Bush. \$1.20.

RED COB—Grows rapidly and yields heavily, and if sown early and the season is favorable will produce fully developed ears, when sown thin enough. Our stock is pure red cob. 11 to 12 ft. Bush. 95c.

CUBAN GIANT—While 10 days earlier than Red Cob, and possessing the same rank luxuriance, it produces much sweeter Forage. We offer either *yellow* or *white* in this variety, 11 ft. Bush. \$1.20.



Cuban Giant Dent Corn.

Corn Dent Varieties—CONTINUED.

GIANT SOUTHERN WHITE—Strong grower, but late, 11 to 12 feet. Bush. 90c.

MASTODON—The largest eared Dent Corn. Is much in demand in the United States and we recommend it for trial in Canada. Bush. \$1.20.

YELLOW HORSE TOOTH—10½ feet. Bush. 90c.

Sugar or Sweet Varieties

MAMMOTH BLACK MEXICAN—Makes a fine quality of Ensilage. Is early and of leafy habit, producing ears in great profusion. 8c. lb.; \$6 per 100 lbs.

PERRY'S HYBRID—Medium in height and earliness. 8c. lb.; \$6 per 100 lbs.

SUGAR FODDER or EVERGREEN SUGAR—Is a heavy cropper, and makes splendid Ensilage. Is fine for fall feeding. 9½ feet. 4½c. per lb.; \$4 per 100 lbs.

MAMMOTH—Similar to preceding, but hardly so tall. No variety of Corn exceeds it in the number of ears it produces. We recommend it strongly. 5c. per lb.; \$4.50 per 100 lbs.



Canada White Flint Corn.

Corn Flint Varieties

SANFORD—White Flint, Strong growth, and sure to ripen its ears sufficiently to make the best sweet tasted Ensilage. In some sections of the Province of Quebec this variety is almost exclusively grown, and gives the highest satisfaction. 8 feet. Bush, \$1.30.

EARLY LONGFELLOW—An early yellow Flint Corn; one of the very early varieties, either for Ensilage or ripe corn. 8 feet. Bush \$1.30.

EARLY COMPTON—Early Yellow Flint. Produces a good crop of fodder, and a reliable sort to produce ripe ears. 8 feet. Bush, \$1.30. Scarce.

SALZER'S NORTH DAKOTA—This white variety has become very popular. It grows a heavier crop of forage than any of the early Flint sorts, has larger ears and is sure to ripen sufficiently for the Silo. 8 feet. Bush, \$1.30.

Flint Corn—CONTINUED.

ANGEL OF MIDNIGHT—Early yellow sort, of medium height. Ears are long and thinner than most other Flint varieties. 7½ feet. Bush. \$1.30.

CANADA YELLOW—The ordinary yellow early corn of the country, which is sure to produce ripe ears. 7 to 8 feet. Bush. \$1.30.

CANADA WHITE—Flint. Sure to ripen, and is also good for Ensilage. Has larger ears than the two preceding sorts. 7 to 8 feet. Bush. \$1.30.

No grower of Ensilage should confine himself to one variety, but should sow 3 or 4 sorts, for the variety that succeeds best one season may not be so satisfactory the next, and vice versa.

Corn suitable for seed, is so scarce this year again, that we cannot guarantee foregoing prices for any length of time, nor can we be certain to have stock of all varieties offered, during the whole season. Will be pleased at any time to give quotations for large quantities.

Miscellaneous Forage Plants

BEANS, EARLY SOJA—Used for cutting green for stock feeding commence to cut when blossoming, but for Ensilage, the pods should be well filled. For the latter purpose it can be used as a substitute for Horse Beans, in the Robertson mixture. Sow at the rate of 30 lbs. per acre in rows 2½ feet apart, and leave 8 plants to the running foot; can be used as a soil enricher, same as Clover. 10c. per lb.

HORSE BEANS—Bush. \$2.

The beans are either boiled and fed to horses, or ground into meal for cattle, and no grain will produce more beef or milk, while the straw is as good as Timothy hay for horses. Sow in drills—30 inches apart—1½ bushels per acre, in well manured clay land or heavy loam, if possible.



Mammoth Russian Sunflower.

SUNFLOWER—(Mammoth Russian)—Largely used for the Robertson combination of Ensilage and for poultry food. Sow in drills, at the rate of 7 lbs. per acre. Per lb. 10c.; 100 lbs. \$7.

KAFFIR CORN-RED—Grows 4 to 5 feet high and should be sown in drills 2½ feet apart. Is very leafy and makes fine feed either green or dry. It will give better results on poor land than any other Forage plant. Sow 5 lbs. to the acre in drills and 25 lbs. broadcast. 10c. per lb.; 5 lbs. 30c.; 100 lbs. \$3.

LUCERNE OR ALFALFA—See Clovers.

Forage Plants—CONTINUED.

MILLET, COMMON— } Make rapid growth. Leafy and
" **GERMAN**— } abundant foliage. Market price.

" **JAPANESE PANICLE**—Strong leafy growth with spreading head and dark shiny seeds. Produces the heaviest crop of Forage of any variety of Millet. Per lb. 15c.; 10 lbs. \$1; per 100 lbs. \$7.50.

HUNGARIAN GRASS—Stands drought well, and will produce a paying crop on poor soil. Market price.

RAPE—See Agricultural Root Seeds.

SAINFOIN—A popular forage plant in Europe. Succeeds fairly well here, producing very early forage. lb. 15c.

SOUTHERN COW PEA—Sow in May, 90 lbs. per acre, broadcast; when full grown it can either be plowed in to enrich the soil with nitrogen, or cut for green feed. lb. 8c.

TARES OF VETCHES—Very valuable as a green fodder for horses or milch cows, and can be sown as soon as the snow goes, and is the earliest fit for use of any spring sown forage plant. Bush. \$1.60. For large quantities, write for quotations.

SAND or HAIRY VETCH—15c. per lb.; \$1.25 peck; \$4.50 bush.



Hungarian Grass.

SEED GRAIN

Note.—In comparing our quotations for grain, etc., with western ones, please note the difference in freight, in favor of Montreal, to all points in Eastern Ontario, Quebec, and all the Lower Provinces. For large quantities please write for special quotations.

It would be difficult to compute the annual loss to the Dominion resulting from the sowing of low grade seed grain. It is astonishing how little attention is paid to remedying this unfortunate state of affairs by the average Farmer, who goes on year in and year out, and in many parts of the country from generation to generation, without ever thinking it necessary to make a change of seed, or to properly clean the grain he sows. The inevitable result of this continued course of bad farming is that the Oats, Barley, Wheat, etc., get "run out," as the saying is, and yield crops that do not pay for the growing. We shall be pleased to quote and send samples of seed grain of the various varieties offered in this catalogue. By careful selection of the earliest and plumpest grains, when growing, and sowing these, great improvement can be made on the yield of Cereals, though at great trouble and expense. When, however, selection in this way is inconvenient, nearly the same result can be obtained by powerful machinery, and strong winnowing, at less cost, and we hope our farmer friends will note this suggestion and act on it.

BARLEY-DUCK BILL—This large grained and handsome 2 rowed variety is a great improvement on the common 2 row, in plumpness of grain and stiffness of straw; and it also yields better. Per bushel 90c.

" **TWO-ROWED**—Per bushel 90c.

" **FOUR OR SIX-ROWED**—Four or six-rowed Barley will give better results on light or poor soils than will two-rowed. Per bushel 80c.

" **ODESSA**—A very heavy cropping six-rowed sort—none better. We strongly recommend it. Bush. 85c.

" **MENSURY**—This six-rowed variety is an enormous yielder. The straw is strong and stands up well; is the heaviest yielding variety we know of. Bush. 85c.

Seed Grain—CONTINUED.

BARLEY BLACK, HULLESS—Has no beards and yields well. \$1.20 per bushel 60 lbs.

SPELTZ—Is being grown in Canada to a limited extent, and though not bearing out the extravagant claims for productiveness made for it, trials of last year have proved that it can be grown profitably, to be used ground for stock feeding. lb. 5c.; 5 lbs. 20c.; bush. 90c. (40 lbs.); 5 cts. per lb. for postage.

BUCKWHEAT, NEW JAPANESE—Is the most productive variety grown. Kernels are much larger than the ordinary sorts. It has given great satisfaction. \$1. per bushel.

COMMON, OR BEECH NUT—The well-known variety. 95c. per bushel.

SILVER HULL—\$1 per bushel.

BEANS—WHITE MARROWFAT—Per bushel \$3.

BEANS WHITE PEA—\$2.25 per bushel.

HORSE BEANS—See Miscellaneous Forage Plants.

CORN—See pages 35-36.

Oats

34 lbs. per bushel.

AMERICAN BANNER—One of the heaviest cropping white varieties in cultivation, has given the best of satisfaction to every one growing it. Medium early. Bush. 65c.

BLACK TARTARIAN—The best variety for peaty or mucky soil, but succeeds well on all sorts of land. Bush. 65c.

CANADIAN PRIZE—This new sort produces heavily, grain is of extra quality as to weight and plumpness, and altogether it is a fine sort and well worthy of a trial. Per bushel 70c.

CANADA WHITE—Market price.

EARLY GOTHLAND—Matures early and grain is extra heavy. Straw is tall, but stiff. Bush. 65c.

LIGOWA—Has done remarkably well in Canada. Strong straw and very early. 65c. per bushel.

LINCOLN—Early and has so far proved itself **rust proof**. Thin hull and plump kernel. Per bush. 70c.

NEW MARKET—Recommended it as being one of the best all round varieties in cultivation. Strong straw and heavy grain. Per bush. 65c.

NEW BLACK GOANETTE—Grain weighs as much per bushel as the heaviest of the white sorts. Bush. 65c.

SCOTCH GREY—Another grand new white oat combining the greatest productiveness with heavy plump grain and strong straw. Bush. 70c.



Lincoln Oats.

Oats—CONTINUED.

SENSATION—Very early. Stiff straw with long open head, pyramidal in form, a great cropper. Per bushel 65c.

SIBERIAN—Its great productiveness has caused it to become one of the most popular sorts. Bush. 65c.

STORM KING—One of the latest introductions and a grand new sort. Heavy plump grain, stiff straw and in competition with many other sorts has proved as good as the best. Bush. \$1.50.

TARTAR KING—Another new white oat that has come to the front last year, and in all competitive trials has come among the very best both in quality and quantity of crop. Bush. 70c.

TWENTIETH CENTURY—An extra heavy cropper. Grain is heavy with thin hull and straw is strong. Per bush. 70c.

WAVERLEY—Very thin skin while the kernels are large and well flavored making it a favorite sort for milling purposes. Strong straw. Per bushel 70c.

WHITE DANISH—A heavy cropper. Grain is large and plump while the straw is stiff and not subject to lodge. 65c. per bushel.

Any of the foregoing varieties of Oats postpaid by mail, 5 lbs. for 50c.

Peas

We do our best to procure seed peas free from weevil—but this is getting more difficult from year to year.

CANADA WHITE—Per bushel \$1.15.

BLACK EYE AND WHITE MARROWFAT—Per bush.

GOLDEN VINE—A good yielder. Per bush. \$1.30.

PRINCE ALBERT—Early and productive. Per bush. \$1.20.

BLUE PRUSSIAN—The most profitable to raise to sell for cooking purposes. Per bush. \$1.40.

CANADIAN BEAUTY—A fine large pea and very productive. Per bush. \$1.25.

GRASS PEA—The pea weevil does not affect this sort, and it produces very good crops, but can only be used for feeding stock. \$1.20 per bush.

Wheat

Spring Varieties

PRESTON—This new wheat is the result of crossing the Red Fife on the Ladoga. It is red bearded with strong straw; grain is of average size, but *plump and hard*, and ripens with White Russian. No variety will produce more and few so much. Per bush. \$1.60 per peck 50c.; post paid 4 lbs. for 50c.

WHITE RUSSIAN AND LOST NATION—Well known bald varieties. \$1.50 per bush.

RED FIFE AND WHITE FIFE—Standard bald varieties. Manitoba grown. \$1.50 per bushel.

BLUE STEM FIFE—Grain of a dark amber color, bald, and claimed to be equal to the Fife in quality, but a heavier cropper. Bush. \$1.50.

WILD GOOSE—A very productive and hardy white bearded variety. Grain hard and flinty; best sort to raise for feeding stock. Per bush. \$1.40.

COLORADO RED BEARDED—Early, and a grand yielder. Bush. \$1.45.

Fall Wheat

CLAWSON, GARFIELD and other fall varieties. Market price.

Rye

SPRING—Per bush. \$1.25.

FALL—Per bush. \$1.

Special prices for large quantities of Seed Grain.
2 bushel Seamless Cotton bags. 20c. each.

Ewing's Special Flower Collections

We call the attention of amateurs to the **Special Collections of Flower Seeds** offered below:—

To those not well acquainted with Flowers it will be a great aid in making a selection of suitable varieties (and at the same time economical), to beautify their flower plots, just to order one or all of the collections, and if additional sorts be required, they can be ordered separately at catalogue terms. The exceptional price of these Collections puts a Flower garden in reach of all. A well kept garden, bright with flowers, well cultivated and free from weeds, is the greatest embellishment possible to the statliest mansion or the humblest cottage, and no occupation for the spare hours of Spring and Summer will afford the pleasure or be so beneficial personally and to the community, as gardening.

To customers who have space to spare we would respectfully suggest that they should interest their children in Horticulture. Give each a collection of Flower Seeds and have the boys or girls sow and attend to the cultivation of the flowers; each having their own little garden as it were.

This will afford an education in the way of nature study that cannot be obtained in schools, and will be of the greatest advantage in after life. If the offering of these collections results in more attention being given to the growing of flowers, we shall consider ourselves well rewarded in helping along such a worthy cause.

"Flower Seeds"

**Ewing's No. 1 collection contains 12 pkts.
bright blooming annuals, various
heights:—1 foot and upwards.**

Asters, Choice Mixed.
Balsam, Double Choice Mixed.
Calendula, Double Choice Mixed.
Coreopsis, Choice Mixed.
Larkspur, " "
French Marigold, Choice Mixed.
Marvel of Peru, Choice Mixed.
Nasturtium Tall (Climbing) Mixed.
Phlox Drummondii, Choice Mixed.
Poppy, Double and Single, Choice Mixed.
Sweet Peas, Mixed (Climbing).
Zinnia, Double Choice Mixed.

25c.

**Ewing's No. 2 collection contains 12 pkts.
bright blooming annuals, various
heights:—1 foot and under.**

Aster Dwarf, Choice Mixed.
Alyssum, Sweet.
Candytuft, Choice Mixed.
Clarkia Pulchella, Mixed.
Dianthus, Choice Double Mixed.
Escholtzia, Mixed.
Mignonette, Sweet-Scented.
Linum Rubrum.
Nasturtium "Tom Thumb," Mixed.
Portulacca, Choice Mixed.
Saponaria, Choice Mixed.
Phlox Drummondii Dwarf, Choice Mixed.

25c.

Ewing's No. 3 collection contains 24 pkts. bright blooming annuals in various heights.

50c.

Aster, Choice Mixed, Tall
" " " Dwarf.
Alyssum, Sweet.
Balsam, Choice Double.
Candytuft, Choice Mixed.
Calendula, Choice Mixed.
Coreopsis, Choice Mixed.
Dianthus, Double Mixed.
Escholtzia, Mixed.
Larkspur, Choice Mixed.
Lupins, Choice Mixed.
Marvel of Peru, Mixed.

Marigold (French), Choice Mixed.
Mignonette.
Nasturtium, Dwarf Mixed.
" Tall, Mixed.
Portulacca, Choice Mixed.
Phlox Drummondii, Choice Mixed.
" " " Dwarf.
Poppy, Mixed Varieties.
Salpiglossis, Choice Mixed.
Sweet Peas, Choice Mixed.
Stocks, Ten Weeks, Choice Mixed.
Zinnia, Double, Choice Mixed.

50c.

Perennial Flowers

Ewing's No. 4 collection contains 10 pkts. Hardy Perennials that will stand our severe winters and continue blooming from year to year.

30c.

Aquilegia, Choice Mixed.
Campanula, Various Varieties.
Delphinium, Choice Mixed.
Digitalis, Choice Mixed.
Hollyhock, Choice Mixed.

Lychnis, Choice Mixed.
Pansy, Choice Mixed.
Perennial Poppy, Choice Mixed.
Rocket, Choice Mixed.
Sweet William, Choice Mixed.

30c.

Sweet Peas

Ewing's No. 5 collection contains 50 pkts. named varieties of the best sorts of Sweet Peas in cultivation \$1.25
Ewing's No. 6 collection contains 25 pkts. named varieties of the best sorts of Sweet Peas in cultivation 75c.
Ewing's No. 7 collection contains 10 pkts. named varieties of the best sorts of Sweet Peas in cultivation 30c.

NOTICE.—All above collections are mailed **POST PAID**, but orders must be accompanied by cash. No changes will be made in the varieties offered, and no discount allowed nor will amounts be counted in any special discounts offered in our Catalogue.

ALPHABETICAL LIST OF Annual, Biennial and Greenhouse Flower Seeds

For "NOVELTIES AND SPECIALTIES." See beginning of Catalogue.

Abbreviations used: h. a., means hardy annual; h. h. a., half hardy annual (such may be started in a box in the house, or in a hot bed); h. b., hardy biennial; h. h. b., half hardy biennial; G., Green house plant.

1. ABRONIA

Umbellata—

Rosy lilac, h. h. a.
Somewhat resembles the Verbena;
sweet scented;
suitable for beds,
rock work or hanging
baskets; ½ ft.
Pkt. 5 cts.



Abronia Umbellata.

Pkt. cts.

2. **ACACIA, Mixed Varieties, G.** 10
 3. **ACROCLINUM, Roseum Double** 10
 4. " **Mixed; Double** 5
 H. h. a. Useful for winter bouquets, and shows to great
 advantage in the flower border. "Everlasting flower."
 5. **ADONIS—Mixed colors, h. a., 1 foot.** 5



Imperial Dwarf Ageratum. No. 7.

6. **AGERATUM, Mexicanum—Blue, 1½ foot** 5
 7. " **Imperial Dwarf—Azure blue, ½ foot** 5
 8. " **Dwarf, white, ½ foot.** 10
 9. " **Mixed.** 5
 H. a. makes a good bed, and when cut, shows well in
 bouquets; sweet scented.
 10. **AGROSTEMMA—Mixed, h. a., 1 foot** 5
 11. **ALYSSUM, Sweet, white, h. a., 1 foot.** 5
 12. " **Compactum, New Dwarf White, ½**
 foot, h. a. 10
 Fine for borders or edgings. Flowers in the greatest
 profusion, making a perfect carpet of pure white.



Alyssum Compactum. No. 12.

Pkt. cts.

13. **ALONSOA, Warscewiczii—Scarlet; h. a., ½ foot** 5
 14. **AMMOBIUM ALATUM—White, h. a., 2 feet.** 5
 15. **ANAGALLIS, Mixed—H. a., ½ foot. Trailing plant,**
 looks handsome in pots or vases. 5

Amaranthus—(Ornamental Foliage Plant).

16. **AMABILIS TRICOLOR—Long pointed leaves,**
 forming tufts of carmine, shaded with yellow and
 rose, h. a., 2 feet. 5
 17. **TRICOLOR MAGNIFICUS—Drooping leaves of**
 carmine, tipped with maroon, h. a., 3 feet. 5
 18. **HENDERI—Dark bronze**
 drooping leaves, h. a., 3
 feet. 5
 19. **BICOLOR—Leaves crim-**
 son and green, h. a., 18
 ins 5
 20. **MELANCHOLICUS**
RUBER—Bright red fo-
 liage, h. a., 2 feet. 5
 21. **BICOLOR RUBER—**
 Bright red, h. a., 2 feet. 5
 22. **TRICOLOR—Green, red**
 and yellow, h. a., 2 feet. 5
 23. **MIXED varieties** 5



Amaranthus Tricolor. No. 22.

24. **ANTIRRHINUM, Majus—Fine mixed, h. b., 1½ ft.** 5
 25. " **Large Flowering Extra**
Choice, mixed, h. b., 1½ ft. 10
 26. " **Tom Thumb—Choice mixed, h.**
 b., ½ ft. 10
 27. " **Tom Thumb "Sunlight"** 25
 The Antirrhinum or Snapdragon, if sown under glass,
 flowers the first year. It is very showy in beds or
 mixed borders, but is not used to the extent it de-
 serves, and any one who tries a good large bed of it
 we are sure will be delighted. Is also suitable for pot
 culture, for which we recommend the "Tom Thumb."
 28. **ARDISIA CRENULATA—For description see "Nov-**
elties and Specialties" 20

- | | | Pkt. cts. |
|-----|--|-----------|
| 29. | ARCTOTIS GRANDIS —2 ft. blooms are of daisy-like form, 2½ inches across, and color white shaded lilac, zoned with yellow at throat. | 15 |
| 30. | ARGEMONE, Platyceras Grandiflora —H. a., 2½ feet. Showy and of easy culture, with large, white flowers and handsome foliage. A most striking plant. | 10 |



Asperula Azurea Setosa. No. 31.

Aster



Asperula Azurea Setosa. No. 31.

**TRUFFAUT'S SUPERB PAEONY-
FLOWERED PERFECTION.**

	Pkt.	cts.
Collection of 6 separate colors, each..	..	\$0.50
“ 10 “ “ “ “ ..	..	0.75
“ 12 “ “ “ “ “ ..	..	1.00
“ 6 pure white varieties..	..	0.50

- | | | |
|---------------------------------------|---|----|
| 34. | TRUFFAUT'S PERFECTION —Choice mixed | 10 |
| 35. | CHINA —Mixed colors.. .. . | 5 |
| MOUNT ROYAL PARK COLLECTION. | | |
| 36. | Superb Mixture of tall varieties.. .. . | 10 |
| 37. | “ “ Semi Dwarf varieties.. .. . | 10 |
| 38. | “ “ Dwarf varieties.. .. . | 10 |
| Also see “Novelties and Specialties.” | | |
| 39. | BALL or JEWEL —Mixed. Flowers are of a perfect ball shape. Very beautiful. | 10 |
| 40. | BRANCHING —White, rose, shell pink, blue (separate), or mixed, a splendid variety.. .. . | 10 |

Aster—CONTINUED.

Pkt. cts.

- | | | |
|-------------------------------|--|----|
| 41. SAMPLE'S BRANCHING | —A magnificent new American strain. Mixed colors | 10 |
| 42. | “ “ Rose, white, shell pink, purple or scarlet (separate) | 10 |
| | Very large flower with long stems—late flowering. Fine for cutting. | |
| 43. CHRISTMAS TREE | —Grows 1½ feet high, and branches out from base of plant. Entirely different in habit from any other Aster. Mixed colors | 15 |



Dwarf Early Queen Aster. No. 61. Pkt. cts.

- | | | |
|-----|---|----|
| 44. | CHRYSANTHEMUM , Flowered—Tall, mixed | 10 |
| 45. | “ “ Dwarf, mixed | 10 |
| 46. | COMET , mixed | 10 |
| 47. | “ Giant , mixed | 10 |
| 48. | “ “ white or rose, separate | 10 |
| 49. | “ Lady , mixed | 10 |
| 50. | “ “ white or rose, separate | 10 |

Resembles the Japanese Chrysanthemum. Blooms are of great size, often being from 3 to 4 inches across. This is a grand Aster.

- | | |
|---|----|
| 51. COUNT WALDERSEE —See “Novelties and Specialties” | 20 |
| 52. CANARY YELLOW —See “Novelties and Specialties” | 20 |
| 53. CROWN or COCARDEAU —Mixed. Flowers have white centres, bordered with carmine, blue and crimson | 10 |
| 54. DAYBREAK —Chaste globe shaped flowers of delicate pink, and large. 18 to 24 inches in height | 15 |
| 55. DWARF BOUQUET —Mixed. Plants form complete bouquets, 8 inches in height | 10 |
| 56. EMPRESS FREDERICK, COMET —See “Novelties and Specialties” | 20 |
| 57. HOHENZOLLERN —New. Extra large white blooms borne on flower stalks, 20 inches long | 15 |
| 58. “ Dwarf early white | 15 |
| A superb variety with enormous flowers. | |
| 59. HARLEQUIN —Has oddly striped double flowers, dwarf in habit | 10 |
| 60. JAPANESE —Blossoms are very large, and the long, curiously curled petals give them a striking resemblance to the Japanese Chrysanthemum. Colors are flesh and rose | 15 |
| 61. DWARF EARLY QUEEN —Mixed colors | 10 |
| 62. KING HUMBERT —New. Blossoms sometimes 5 inches in diameter, pure white and the petals most beautifully twisted and curled | 20 |



Calendula, Orange King. No. 95. Pkt. cts.

105. **CALAMPELIS, Scaber**—T.a. Quick growing climber, with bright orange flowers and pretty foliage.. 10
106. **CANARY BIRD CREEPER**—H.a. A most charming annual climber. Both the pure yellow flowers and the leaves are beautiful. See Tropaeolum Canariense. 10



Candytuft.



Calceolaria Hybrida. No. 101,

107. **CANDYTUFT, Crimson**—H. a., 1 foot .. 5
108. " **White**—H. a., 1 foot.. .. 5
109. " **Purple**—H. a., 1 foot.. .. 5
110. " **New Carmine**—H. a., 1 foot.. .. 5
111. " **Mixed Colors**—H. a., 1 foot.. .. 5
112. " **Dobbie's White Spiral**—See "Novelties and Specialties".. .. 10
113. " **New Dwarf Mixed Hybrids**—H.a. 5
114. " **Empress Giant Hyacinth Fl'd**—H. a. Pure white, producing spikes often measuring 7 inches in length, and nearly the same in circumference. A most effective plant.. .. 10

115. " **Little Prince**—H. a. New, 4 inches. 10

A charming dwarf sort, growing from 4 to 6 inches high producing upright branching spikes, from the main stem, of snow-white blooms, in candelabra fashion. Either in masses, groups or edgings it produces a charming effect.

116. **CANNA, Crozy's Large Flowered French Hybrids**.. .. 15

117. " **Mixed**—All kinds.. .. 10

The large handsome foliage and flowers of the Cannas render them highly ornamental. They are of easy growth and very popular, and justly so, as for either outdoor or indoor decoration, few plants surpass them.



Canna. No. 116.

Pkt. cts.

For Canna Plants.—See Plant Department.

118. **CAPSICUM**—(Solanum) — House plant. Beautiful red berries.. .. 10
119. **CARDUUS GIGANTEUS**—Scotch Thistle 5

A very picturesque lawn plant and also suits well in the back row of a Herbaceous border.



Marguerite Carnation. No. 122.

120. **CARNATION, Fine Mixed**—H. h. p. .. 10
121. " **Choice Mixed Border**.. .. 25

The last named is an extra choice strain producing a large percentage of the most exquisite double flowers. H. h. p.

122. " **Marguerite**—Mixed colors .. 15

Splendid early flowering Carnation. Seed sown in February will bloom profusely from July to end of season. It makes a pretty bed. H. h. p.

Continued on next page.

123. **CARNATION, Vienna**—A fine early sort well adapted for bedding out 10
 124. " **Perpetual Flowering or Tree**—Choice mixed, t.p.G. 50



Centaurea Gymnocarpa. No. 130.

Godetia. No. 227.

CASTOR OIL PLANT—See Ricinus.

125. **CELOSIA, Pyramidalis, Choice Mixed**—H. h. a. Very ornamental foliage and flowers. 10
 126. " **Spicata Argentea Linearis**—New. . . 30
 127. " **Thompsonii Magnifica**—New. . . 25
 See "Novelties and Specialties."
 128. **CENTAUREA, Candidissima**—1 ft. Silvery foliage 25
 129. " **Clementii**—H. h. p., ½ foot. . . . 10
 130. " **Gymnocarpa**—H. h. p., 1½ foot. . . 10
 Silvery, fern-like foliage. Must be sown early.
 131. " **New Mammoth Sultan**—(Chamaeleon), h. h. a. Very large pale sulphur yellow, later changing into lilac. Very handsome 10
 132. " **Imperialis**—H. a., 1½ ft. (Sultan). 10
 Blossoms are double and very large, sweet-scented, and colors are white, purple, rose and lilac.
 133. " **Mixed**—(Sweet Sultan). 5
 134. " **Cyanus**—Mixed double, h.a., 1½ ft. 5

135. **CENTRANTHUS, Mixed**—H. a., 1 foot. Good for mixed borders, useful for bouquets. 5
 136. **CENTROSEMA, Grandiflora**—T.p. A climber of great beauty. Large pea-shaped flowers, ranging in color from rosy-violet to purple, with white markings. 25
 137. **CERASTIUM, Bieberstenii**—H. p., 6 inches . . . 10
 138. " **Tomentosum**—H. p., 6 inches. . . 10
 Beautiful silvery foliage and pure white flowers. Makes a neat edging, and is much used in ribbon gardening. Should be sown early, in the house.
 139. **CHRYSANTHEMUM, Balsamita**—New 25
 For description see "Novelties and Specialties."
 140. " **New Golden Wheel**—For description see "Novelties and Specialties" 25
 141. " **Frustranscens or Paris Daisy**—Single Perennial variety; with pure white flowers, 1 foot, G. 10
 142. " **Etoile d'Or**—Large golden yellow Paris Daisy, h.h.p., 1 foot, G. 5
 143. " **Inodorum Plenissimum**—Pure white. If seed is started early will flower all summer, h.h.p., 1 foot. . . . 10
 144. " **Annual**—Mixture of double and single sorts, h.a. . . . 5
 145. **CINERARIA, Grandiflora Hybrida**—Blossoms are of great substance and brilliancy of coloring, G. 50
 146. " **Ewing's Prize Strain**—See "Novelties and Specialties," 50
 147. " **Hybrida Grandiflora "Stellata,"** G.—For description see "Novelties and Specialties" . . . 50
 148. " **Dwarf Mixed Hybrids, G.** . . . 50
 149. " **New Double Mixed, G.** . . . 50

Our strains of Cineraria are very superior, and we confidently recommend them to all who are desirous of having really good specimens of this fine showy greenhouse plant.

150. **CINERARIA, Maritima**—Silvery foliage, much used as a border plant, h. h. p., 1½ feet. 5



Centrosema Grandiflora. No. 136.

Centaurea Candidissima. No. 128.



Celosia Pyramidalis. No. 125.

Pkt. cts.

151. **CLARKIA, Mixed**—Single and double. 5
Of easy culture, and, if thinned out, is very handsome.
152. **CLEMATIS, Jackmanii, Mixed Varieties**—H. h. Climber, produces clusters of beautiful purple-blue flowers, completely hiding the foliage. 15
153. **CLINTONIA, Elegans**—H. a., $\frac{1}{2}$ ft. Somewhat resembles the Lobelia; suited for edging or rock work. 5
154. **CLIANTHUS, Dampieri**—Mixed, h. h. p. Greenhouse climber. Fine foliage and bright scarlet flowers. 25
155. **COBÆA, Scandens**—H. h. p. Beautiful greenhouse climber, grows quickly and has fine foliage. It also does well out of doors. 10
156. **COXCOMB, Empress**—Extremely large beautifully formed combs of bright velvety crimson. 15
157. " **Glasgow Prize** — Combs are of great size and well suited for competition. 15
158. " **Tom Thumb**—Fine dwarf crimson. 10
159. " **Mixed Varieties**. 5
Curious looking but ornamental flowers. Very attractive when mixed with other plants or for pot culture. H. h. a.
160. **COLEUS, Choice Mixed**—T. p. Effective foliage plant. Grown from seed, plants grow far larger and healthier than from cuttings. 25



Centaurea Imperialis. No. 132.



Coxcomb. No. 156.

161. **COLLINSIA, Bicolor**—H. a. Purple and white, 1 foot. 5
162. **COLLINSIA, Mixed**—H. a., 1 foot. 5
Attractive either in beds or borders; free flowerer.
163. **CONVOLVULUS, Major or Morning Glory**—H. a. Mixed, climbing annual. 5
164. **CONVOLVULUS, Minor**—H. a., 1 foot Mixed. 5

165. **CONVOLVULUS, Mauritanicus**—Suitable for hanging baskets. 10
166. **COREOPSIS, Mixed Colors**—H. a., 1 foot. 5
167. " **Compacta Mixed**—H. a., 1 foot. 5
The **Coreopsis** shows to best advantage in large masses. Pick off seed pods as they show; this will cause the plants to keep longer in bloom.
168. **COSMEA, Atropurpurea Crimson**—H. a., 2 feet. 5
169. **COSMOS**—Mixed Hybrid varieties, h. h. a., 4 ft. 5
170. " **Dawn**—H. h. a., 4 feet. Blooms are delicately tinted with rose on a white ground. Compact bushy habit. Begins blooming when plants are only 2 feet high. 10
171. " **Golden Dawn**—H. h. a., 4 ft. The fern-like foliage is covered with a solid sheet of golden yellow flowers. Very early. 10
172. " **New Early Blooming**—H. h. a., mixed 10

Forms compact bushes literally covered with flowers not so large as the Giant varieties, but more numerous. Commences blooming in July and continues till frost comes.

173. **COSMOS, Giant**—Mixed colors, h. h. a., 5 to 6 ft. 10
Blooms are very large—often 4 inches across. The colours are the latest development in this handsome autumn flowering annual. Cosmos has a striking effect amongst tall growing plants. Its beautiful large blooms are carried on long stems and the foliage is feathery and graceful. Should be sown early and potted off, previous to planting in open ground.
174. **CUPHEA (or Cigar Plant)**—T. p., $\frac{3}{4}$ foot. 10



Centaurea Cyanus. No. 134.



Cineraria Hybrida. No. 146.

Pkt. cts.

175. **CYCLAMEN, Giganteum**—Mixed colors... .. 75
 176. " **Persicum**—Wiggin's Prize Strain... .. 25
 177. " **Ewing's Prize Strain**—See "Novelties and Specialties"... .. 75
 178. " **Persicum Papilio**—The New Butterfly Cyclamen, per pkt. of 10 seeds... .. \$1.00
 See "Novelties and Specialties."
 179. " **Charming Bride**—Pure white... .. 75
 180. " **Europ um**—Hardy Alpine... .. 25

The Cyclamen is among the most beautiful of winter and spring blooming greenhouse or parlour plants. Not only are the bright colored flowers exceedingly handsome, but the foliage is beautiful.



Cosmos. No. 173.

Pkt. cts.

181. **CYCLANTHERA, Explodens**—Hardy and quick-growing fine foliage climbing annual, producing pretty oval-shaped fruit which explodes when ripe... .. 10
 182. **CYPERUS, Alternifolius**—(Umbrella Plant). Highly ornamental greenhouse perennial... .. 25
 183. **DAHLIA, Tom Thumb, Double**—Mixed, 1½ feet... .. 15
 184. " **Double**—Mixed, tall. H. h. p., 4 ft. Saved from prize flowers... .. 15
 185. " **New Single, Striped**... .. 15
 186. " **Single Varieties Mixed**... .. 15
 187. " **New Single Tom Thumb**... .. 15

Plants of the latter are very dwarf, well branched, and with perfectly formed flowers..



Cyclamen. No. 177.

Pkt. cts.

188. **DAHLIA, New Single, Collerette**—See "Novelties and Specialties"... .. 25
 189. " **Cactus, Semi-Double Mixed**... .. 15

Grow easily from seed, and bloom profusely. Their bright flowers of the most varied hues, are splendid for vases in table decoration. The petals of the Cactus variety instead of being rounded and curved, as in ordinary Dahlias, are long, twisted and beautifully recurved. Must be sown early.

We offer a collection of Dahlias in pots. See Plant Department.

191. **DATURA, Fatuosa Alba**—H. h. a., 3 feet, white. pkt. 5c.
 192. **DATURA, Fatuosa Violacea**—H. h. a., 3 ft., purple. pkt. 5c.
 193. **DATURA, Humilis Flava**—H. h. a., 3 feet, yellow. pkt. 5c.
 194. **DATURA, Double**—Mixed, h. h. a., 3 ft. pkt. 5c.



Dracena Indivisa. No. 208.

195. **DATURA, Single**—Mixed, h. h. a., 3 ft... .. 5
 The four first named are double varieties. The flowers of the Datura are large, and trumpet shaped.

Dianthus h. b.

SINGLE VARIETIES.

196. **THE BRIDE or Little Gem**—White, with purple centre; plants grow from 6 to 8 ins, high, and are completely covered with bloom... .. 10
 197. **Crimson Belle**—1 foot, brilliant dark red... .. 10
 198. **Eastern Queen**—1 foot. Marbled Rose... .. 10

Continued on next page.

DIANTHUS—CONTINUED.

Pkt. cts.

199. **Snowflake**—1 foot. Large pure white flowers, beautifully fringed. 10
200. **Heddewigii, Mixed Single Varieties** 10
Double Varieties.
201. **Mourning Pink**—1 foot. Double flowers of rich dark purple-maroon, and edged with pure white. 10
202. **Heddewigii—Japan Pink**; mixed colors. 10
203. **Heddewigii Diadematus**—Large flowers of various colors, edged and marbled in unique fashion; 1 ft. 10
204. **Laciniatus Striatus**—Double fringed. 1 ft., mixed. 10
205. **Choice Mixed**—Single and double varieties. 10
 A superb mixture of the best varieties, in great diversity of colors. Dianthus, generally, will stand the winter, but it is better to treat it as an annual.
206. **DOLICHOS** (or Hyacinth Bean), mixed, t. a. 5
 Will grow 20 feet high, and in addition to the pretty flowers the seed pods are attractive.
207. **DRACÆNA (Cordyline) Australis**, G. 25
208. " **Indivisa**, G. 10
 Graceful foliage plant, extensively used for vases and house decoration.
209. **ECHEVERIA, Mixed Varieties**. 25
 Broad bronzy leaves and tall flower spikes. Invaluable for sub-tropical gardening.
210. **ERYSIMUM, Peroffskianum**—H. a., 1 ft. Yellow. Erect growth and sweet scented. 1
211. **ERYTHRINA, Crista Galli**—T. p. (Coral Plant). Beautiful spikes of pea-shaped blooms. 15
212. **ESCHOLTZIA, Mixed Colors**—H. a., 1 foot. 5
 Brilliantly colored, large flowers; very attractive whether in beds or small patches.



Double Dahlia. No. 184

Pkt. cts.

213. **EUPHORBIA, Variegata**—H. a., 2 ft. Ornamental foliage. 10
214. **EUTOCA, Mixed Varieties**—H. a., 1 foot. 5
215. **FENZLIA, Dianthiflora**—H. a., 6 inches. 10
216. **GAILLARDIA, Lorenzii, Double**—Mixed, h. a., 1 foot. 5
217. " **PICTA, Single Mixed Varieties** 5



Gaillardia Lorenzii Double. No. 216.



Dianthus Diadematus. Double. No. 203.

- Pkt. cts.
218. **GAZANIA, Splendens**—H. a., 1 foot. Orange... 10
219. " **Hybrida Blondine**... 25
220. " **Bianca**... 25

For description of the latter two splendid new varieties see "Novelties and Specialties."

221. **GERANIUM (Pelargonium)**—Choice mixed... 25
222. **GILIA, Mixed Colors**—H. a., 1 foot. Neat growth. 5
223. **GLAUCIUM, Flavum Tricolor**—New. For description see "Novelties and Specialties"... 25



Globe Amaranth. No. 224.

226. **GLOXINIA, Large Flowering, Choice, Mixed Varieties.** pkt. 50c.
- Very charming greenhouse plant of dwarf habit and gorgeous colors. Also see Summer Flowering Bulbs.



Gloxinia. No. 226.

227. **GODETIA, Mixed Varieties**—H. a., 1½ feet—Form beautiful bushes with large flowers of brilliant and delicate shades of color. pkt. 5c.



Grevillea Robusta. No. 232.

224. **GLOBE AMARANTH, Nana Compacta**—H. h. a., 9 ins. Dwarf, with large purple flowers... 10

225. **GLOBE AMARANTH, Mixed Colors**—H. h. a., 1 foot. Raise in a hot-bed or a box in the house. Plant out 1 foot apart. If cut early, the flowers retain their beauty for years. "Everlasting Flower." 5



Ornamental Gourd. No. 228.



Ipomea Imperialis. No. 256.



Larkspur. No. 262.



Lupinus. No. 277.

- Pkt. cts.
228. **GOURDS, Mixture of 15 Varieties**... 10
229. " **Ovifera or Nest Egg**... 10
230. " **Chinese Loofa or Dish Cloth**... 10
- Useful for covering old stumps, walls, etc. Produce a great variety of curious fruit and have very luxuriant and ornamental foliage.
231. **GRASSES, Ornamental**—See page 60.
232. **GREVILLEA, Robusta**—Graceful plant of easy culture and rapid growth. Fine for house decoration.
233. **GYPSOPHILA**—Mixed, h. a., 1 foot. Branching growth... 5
234. **HELIPTERUM, Sandfordii**—H. h. a., 1½ feet... 10
- Bright yellow flowers. Cut before it fully expands. "Everlasting Flower."
235. **HELIOTROPE, Mixed Varieties**—H. h. p... 10
236. " **Dwarf**—Mixed varieties, h. h. p... 10
- Equally prized in the flower garden or conservatory.
237. **HELICHRYSUM, Double Mixed**—H. h. a., 2 ft... 5
238. " **Double Dwarf Mixed**—H. h. a., 1 ft... 10
- "Everlasting Flower." Very attractive in beds.
239. **HETEROSPERMUM, Xanthii**—Small and numerous chrome-yellow blossoms. Blooms from June till frost comes. A splendid border plant, 10 inches... 5

- | | Pkt. cts. |
|---|-----------|
| 240. HIBISCUS —Mixed colors, h. h. b., 2 ft. Purple . . . | 5 |
| 241. HONESTY —(<i>Lunaria Biennis</i>)—"Satin Flower" or "Moonwort," h. h. b., 2 ft. Purple | 5 |
| Flowers are followed by transparent silvery seed pods, highly prized for winter bouquets. | |
| 242. HONEYSUCKLE —French (<i>Hedysarum</i>)—Mixed, h. h. b., 3 feet. Pea shaped blooms | 5 |
| 243. HUMEA, Elegans —4 ft. Graceful drooping plumes . . | 10 |
| 244. HUNNEMANIA, Fumocrifolia —For description see "Novelties and Specialties" | 15 |
| 245. ICE PLANT —H. h. a., 1 foot. Trailing plant; its stems having the appearance of being covered with ice; suitable for rockeries | 5 |
| 246. IMPATIENS, Sultani —T. p., 1 foot | 15 |
| This perennial balsam is a fine decorative greenhouse or parlour plant. | |
| 247. IPOMŒA, Quamoclit (Cypress Vine) —H. a. Scarlet, climber | 5 |
| 248. " Coccinea —Beautiful scarlet | 10 |
| 249. " Bona Nox —(or Evening Glory) | 5 |
| 250. " Setosa —A beautiful greenhouse climber with salver shaped purple flowers . . | 10 |
| 251. " Noctiflora —The Moon Flower or Evening Glory | 10 |
| 252. " Imperialis Aurata "Cleopatra" —Beautiful yellow foliage. Flowers brilliant carmine, with white throats and borders | 10 |
| 253. " Imperialis Micans —Leaves either green or silvery, with blooms of the most beautiful and striking colors . . | 10 |
| 254. " Imperialis Collata —Blooms are of great variety in shape and color, and are partly curled or frizzled, looking as if they were double | 10 |
| 255. " Mikado —New. Flowers include all the most showy colors and markings and the foliage is very ornamental. Blooms are often 4 ins. across . . . | 10 |
| 256. " Imperialis, Mixed Varieties | 10 |
| We call particular attention to the Imperial Japanese Morning Glory. Should be sown where intended to bloom, so soon as the weather is warm, and requires no extra care or attention. The gorgeous colors are for the most part new, and seldom found in other classes of plants. | |
| 257. IPOMOPSIS, Mixed —H. h. b., 2 feet | 5 |
| 258. JACOBŒA, Dwarf Mixed —H. a., 1 foot | 5 |
| Of compact growth and very floriferous. | |
| 259. KALFUSSIA, Amelloides —H. a., blue, 1 foot . . . | 5 |
| 260. LANTANA, Fine Mixed —T. p., 2 feet | 10 |
| A remarkably handsome free flowering plant, attractive in beds, and well suited for pot culture. | |
| 261. LARKSPUR, Dwarf German Rocket, Mixed —H. a., 1 foot | 5 |
| 262. " Hyacinth Flowered, Mixed —H. a., 1½ feet | 5 |
| 263. " Mixed Varieties —H. a., 1 foot | 5 |
| Handsome spikes of bloom; suitable for any position in the flower garden. | |
| 264. LEPTOSIPHON, Mixed —H. a., 4 ins. | 5 |
| 265. " Hybrid, Choice Mixed —H. a., 4 ins. | 10 |
| Adapted either for beds or edgings; succeeds well in the shade. Very pretty. | |
| 266. LEPTOSYNE, Stillmani —H. h. a. New. 1 foot . . | 15 |
| Finely cut foliage, with an abundance of flower stems ending in golden yellow blossoms 1½ inches in diameter. Blooms in five to six weeks from sowing. | |
| 267. LINUM, Grandiflorum Rubrum —(Scarlet), h. a., 1 foot. One of the best hardy annuals. Elegant habit of growth and keeps long in flower | 5 |



Leptosyne Stillmani. No. 266.

Pkt. cts.

- | | |
|--|----|
| 268. LINARIA, Cymbalaria —Violet, G., trailing plant. | 10 |
| 269. " Reticulata Aurea Purpurea —H. h. a., 1 foot. Purple, veined with copper color and yellow . . | 10 |
| 270. LOAZA, Aurantiaca —T. a. Orange. Climbing annual for trellis or wire work | 10 |
| 271. LOPHOSPERMUM, Scandens —H. a. Purple. A handsome climber | 10 |
| 272. LOVE, Lies Bleeding, Crimson —H. a., 2½ feet. Ornamental plant with hanging plumes, suitable for mixed borders | 5 |



Lobelia Crystal Palace Gem. No. 276.

- | | |
|---|----|
| 273. LOBELIA, Gracilis —H. h. a., 9 inches. Blue and white | 10 |
| 274. " Paxtoniana —H. a., 6 ins. blue and white . . | 10 |
| 275. " Speciosa —H. h. a., 6 ins. White Queen . . | 10 |
| 276. " Crystal Palace Gem —H. h. a., ½ foot. Dark blue | 10 |
| Neat habit, and much admired in edgings, rockeries, vases or hanging baskets. | |
| 277. LUPINUS —Mixed, h. a., 2 feet | 5 |
| Elegant racemes of flowers, much prized for cutting. | |



Marvel of Peru. No. 281.

- 281. MARVEL OF PERU, Fine Mixed**—2 feet. 5
282. " " Striped Leaved Hybrids—2 ft. 5
283. " " Tom Thumb—Mixed, 1 foot. 10
 Glossy green foliage with beautifully colored flowers. A striking and effective plant. Treat as an annual.
284. MARTYNIA—H. h. a., 1½ feet. Sweet-scented crimson-purple flowers, followed by curiously horn-shaped fruit, used for pickling. 5
285. MAURANDYA, Barclayana—H. h. p. Purple, climber. Its slender growth adapts it for indoor decoration; if not planted out too early, blooms profusely outside. 10
286. MESEMBRYANTHEMUM, Cordifolium Variegatum—T. p., ½ foot. Pink. A valuable dwarf plant for vases, beds or edgings. Leaves are waxy white, tinted with green. 10



Musa Ensete. No. 288.

- 287. MESEMBRY-
ANTHEMUM,
Pomeridianum**—
H. h. a., 6 inches.
Yellow. Well suited for rustic baskets, vases, etc.
pkt. 10c.

- 288. MUSA, Ensete**, or Abyssinian Banana—T. p. Greenhouse or Lawn plant. Grows rapidly and attains the height of 10 or 12 feet.
Pkt. of 7 Seeds. 25c.

African Marigold

- 289. Eldorado**—H. a., 1½ feet. Immense flowers of from 5 to 8 inches in circumference, very double. Yellow. 10
290. Orange—H. a., 2 feet. 5
291. Lemon—H. a., 2 feet. 5
292. Fine Mixed—H. a., 2 feet. 5
293. Dobbie's Prize Strain—See "Novelties and Specialties" 15

French Marigold

- 294. Extra Dwarf Scotch, Mixed**—H. a., ¾ foot. 10
 Lovely shades of color. Being dwarf and erect in habit, is suitable for bedding.
295. NEW SINGLE, "Legion of Honour"—H. a., 1½ ft. 10
 Compact free flowering border plant. Very pretty.

Pkt. cts.

- 278. MAIZE, Striped Leaved Japanese**—
H. a., 4 feet. 5
 Leaves are green striped with white, in the earlier stages of growth have a rose-colored stripe.
279. MAIZE (Zea, Gracillima Variegata)—4 feet. 10
 Leaves small and neat habit of growth, and can be used for small groups or for ribbon borders.
280. MALOPE, Grandiflora—H. a., 2 ft. Mixed. Bell-shaped flowers. 5



African Marigold "Eldorado." See No. 289.

FRENCH MARIGOLD—CONTINUED.

Pkt. cts.

- 296. Dwarf Quilled**—¾ foot, of neat growth. 10
297. Fine Mixed—H. a., 2 feet. 5
298. "Electric Light"—Sulphur brown striped and spotted. 5



French Marigold. No. 294

Mignonette h. a.

- 299. Large Flowering**—1 foot, ¼ lb. 35c.; oz. 15c. 5
300. Allen's Defiance—Graceful extra long spikes and very fragrant; stands long after being cut. A splendid variety for florists. 15
301. Dobbie's Giant } For description of these two sorts 20
302. Bismarck } see "Novelties and Specialties." 20
303. Giant Pyramidal—Very strong grower. 5
304. Victoria—Crimson flowered. 5
305. Mile's Spiral—Extra long spikes. 10
306. Machet—A dwarf variety of stout growth and very suitable for pot culture. 5
307. Golden Queen—Gorgeous yellow spikes of bloom; dwarf in growth and a profuse bloomer.
 For Mignonette soil should not be over rich and plants well thinned out. The first variety is the hardy sort, the others are suitable either for open air or pot culture.



Mignonette. No. 299.

Pkt. cts.

308. **MIMULUS, Finest Mixed**—T. p., 1 foot. Much admired on account of the beautiful markings of the flowers; suitable for hanging baskets. 10
309. **MUSK**—(*Mimulus Moschatus*). Trailing habit of growth. 10
310. **MOON-FLOWER**—See *Ipomoea* 10
311. **MOMORDICA**—H. h. a., climber. Pretty cut foliage. Well adapted for vases or trellis work 5

Tall Nasturtium

TROPEOLUM MAJUS or INDIAN CRESS.

312. **Fine Mixed**— $\frac{1}{4}$ lb. 30c.; oz. 10c., h.a. 5
Nasturtium succeeds well in almost any soil. Both foliage and flowers are beautiful and of the richest colors. Hardy climbing annual.
313. **Atropureum**—Crimson. 5
314. **Coccineum**—Scarlet. 5
315. **Hemisphaericum**—Orange, handsome 5
316. **King Theodore**—Dark crimson flowers with dark leaves. 5

TALL NASTURTIIUM—CONTINUED.

Pkt. cts.

317. **Prince Henry**—Yellow marbled with scarlet. 5
318. **Vesuvius**—Salmon color with dark leaves. 5

Dwarf Nasturtium



Dwarf or Tom Thumb Nasturtium.

319. **Bronze**—Leaves are very handsome. 5
320. **Chameleon**—Produces many colors on one plant. 5
321. **Crimson**—H. a., $\frac{1}{4}$ foot. 5
322. **Scarlet**—H. a., $\frac{1}{4}$ foot. 5
323. **Spotted**—H. a., $\frac{1}{4}$ foot. 5
324. **Pearl White**—H. a., $\frac{1}{4}$ foot. 5
325. **Prince Henry**—Cream colored blooms spotted and tipped with scarlet. 5
326. **Crystal Palace Gem**—H. a., $\frac{1}{4}$ foot. Sulphur yellow 5
327. **King Theodore**—H. a., $\frac{1}{4}$ foot. Very dark 5
328. **Empress of India**—H. a., $\frac{1}{4}$ foot. Dark leaves, with bright crimson flowers. 5
329. **Ruby King**—H. a., $\frac{1}{4}$ foot. Dazzling ruby shade. 5

Continued on next page.



TALL NASTURTIIUM (TROPEOLUM MAJUS).

Dwarf Nasturtium—CONTINUED.

Pkt. cts.

330. **Golden Queen**—A valuable novelty. Flowers and leaves are golden yellow. 10
331. **Cloth of Gold**—Scarlet blooms with golden yellow leaves. 5
332. **Mixed Varieties**— $\frac{1}{4}$ lb. 40c.; per oz. 15c. 5
Tall and Dwarf Nasturtium or Indian Cress are equally popular and effective in the positions to which their different heights are adapted. They are of the easiest culture—no transplanting is necessary—and their brilliantly colored bell-shaped blooms and the varied shades of green of the leaves are much admired. Do best in a sunny situation, and the soil should not be over-rich. In hanging baskets and vases both sorts are effective. The Dwarf or Tom Thumb varieties make gay and attractive beds.
333. **NEMOPHILA, Insignis**—H. a., $\frac{3}{4}$ foot. Blue . . . 5
334. " **Marginata**—H. a., $\frac{3}{4}$ foot. Blue and white. 5
335. " **Mixed**—H. a., $\frac{3}{4}$ foot. 5
Neat compact growth and striking shades of color, suitable for beds or edgings; grow well in shade.



Nemophila Insignis. No. 333.

336. **NEMESIA, Fine Mixed**—H. a., $\frac{3}{4}$ foot. Compact growth. 5
337. **NICOTIANA, Affinis**—H. h. a., 3 feet. Deliciously scented white tubular-shaped flowers. 10
338. " **Colossea**—H. h. a., 5 feet 15
Stately plant, with immense leaves, at first rose and violet, afterwards changing to deep green, with red nerves.
339. " **Sylvestris**—Grows 5 feet high, with large dark green leaves, and the long tubular shaped pure white flowers droop in circles from strong stems that rise well above the foliage. Sweet-scented. A superb plant. 15
340. " **Sanderac**—New. See "Novelties and Specialties" 25
341. **NIEREMBERGIA, Gracilis**—H. h. p., $1\frac{1}{2}$ feet. . . 10
342. " **Frutescens**—H. h. p., $1\frac{1}{2}$ feet. Pure white. 10
Charming plants for baskets or vases.
343. **NIGELLA**—H. a. Mixed colors, $1\frac{1}{2}$ feet. 5
344. **NOLANA, Fine Mixed**—H. a. A handsome trailing plant; flowers resemble Convolvulus. 5
345. **GENOTHERA**—H. a. Evening Primrose. Yellow . . 5
346. **OXALIS, Fine Mixed**—H. h. p., $\frac{1}{2}$ foot. Bright rose-colored blossoms and pretty foliage. Good for hanging baskets. 5
347. **PENSTEMON, Mixed Colors**. 5
348. " **Splendid Eng. Hybrids**. 10



Penstemon. No. 347.

Is a perennial, but won't survive our severe winters, so has to be treated as an annual, and sown early in spring, or by lifting plants in the fall, cuttings can be taken and planted out in May. Grows from 2 to 3 feet high, with erect and graceful long spikes of tubular shaped flowers of varied and brilliant colors, and most beautifully mottled and spotted.



Nicotiana Affinis. No. 337.

Petunia

- | | Pkt. cts. |
|---|-----------|
| 349. Fine Mixed..... | 5 |
| 350. Choice Mixed—Very fine..... | 10 |
| 351. Hybrida Grandiflora—A mixture of the choicest single named sorts. Large showy flowers of the most brilliant colors..... | 25 |
| 352. Giants of California—Mixed Colors—Single blooms are often 4 and 5 ins. across and of every conceivable shade of crimson, pink, white, lavender, etc., with wide deep throats, beautifully veined and shaded..... | 25 |
| 353. Grandiflora Fimbriata, Single Fringed..... | 50 |
| 354. " " Flore Pleno, Double Fringed..... | 50 |
- Edges of flowers are fringed, and the colors and markings distinct and beautiful.
355. New Double Lilliput—Forms dense bushes studded with small double flowers of the most charming colors, in part spotted, striped and self-colored..... 50
356. Choice Mixed Double..... 50
357. New Giant Double—Pkts. of 50 seeds..... 75
- For description, see "Novelties and Specialties."
- The **Petunia** is one of the most popular and showy of all flowering plants, either in the house or in the open ground. Its exquisite and varied shades of color are equally attractive in large beds, in the mixed border, or in vases. Should be sown early, so as to have it flower from May till frost comes.
358. **PERILLA, Nankinensis**—H. h. a., 1½ feet..... 5
359. " **Atropurpurea Variegata**—H. a., 1½ ft. 5
- Ornamental foliage; the former has dark mulberry colored leaves, while the latter are variegated.
360. **PHYSALIS, Franchetti** (Chinese Lantern Plant)—1½ feet, generally treated as a h. h. a. Large red cherry-like fruit, with a baloon-like transparent covering..... 10
361. **PINK, China**—H. b., 1 foot. Mixed colors..... 5



Phlox

Drummondii

Pkt. cts.

DWARF VARIETIES, h. a.

- | | |
|---|----|
| 362. Nana Compacta Radiata—See "Novelties and Specialties"... | 25 |
| 363. Fireball—Intense scarlet, 8 ins. | 10 |
| 364. Snowball—Pure white, 8 ins. | 10 |
| 365. Surprise — Vermillion, with white centre, 8 ins..... | 15 |
| 366. Fine Dwarf Varieties in mixed colors, 8 inches..... | 10 |

TALL VARIETIES, h. a.

- | | |
|--|----|
| 367. Fine Mixed Colors—1 ft.... | 5 |
| 368. Grandiflora — Extra choice mixed, 1 foot..... | 10 |
| 369. Cuspidata—(Star of Quedlinburg). Flowers are star-shaped and very pretty. Mixed colors, 1 ft. | 10 |
| 370. Cuspidata, Silver Leaved—See "Novelties and Specialties"... | 25 |
| 371. Leopoldi—Crimson and white, 1 foot..... | 10 |
| 372. Isabelina—Pale yellow, 1 ft.. | 10 |
| 373. White—1 foot..... | 10 |
| 374. Scarlet—1 foot..... | 10 |

COLLECTIONS.

- | | |
|-------------------------------------|--------|
| Collection, 18 separate colors..... | \$1.00 |
| " 12 " " "..... | 0.75 |
| " 6 " " "..... | 0.40 |

Phlox Drummondii can be treated either as a hardy or half-hardy annual. Makes a fine gay bed and is amongst the most popular of all annuals.

375. **Polypteris Callosa**—H. h. a. Graceful plant with showy foliage which during summer is completely covered with charming rose colored blooms, 1½ ft. ... 10



Petunia. No. 351.



Cardinal Poppy. No. 381.

Poppy, h. a.

Pkt. cts.

- 376. Single Peony Flowered** — "Miss Sherwood" — Large single blooms of, shining satiny white with upper part of corolla satiny rose. Beautiful foliage... 10
- 377. Choice Mixed**— Mixture of single and double varieties... 5
- 378. New Japanese Pom-pone**—1 foot. Flowers are small and double: are produced in great profusion and in beautiful colors... 10
- 379. The Shirley**—1 foot. A single variety of exquisitely shaded colors, ranging from blush white, pink, and carmine to brilliant crimson... 10
- 380. Carnation Flowered**—2 feet. Double mixed... 5
- 381. Cardinal**—1½ feet. Double. Dark green foliage. Colors principally glowing scarlet on white ground.. 5
- 382. White Swan**—2 feet. Forms a bush over which, on strong stems, are produced immense double blooms of pure white... 10
- 383. Mikado**—1½ feet. Pure double white, edged and fringed with scarlet... 5
- 384. Danebrog**—3 feet. Brilliant scarlet, blotched with silvery white... 5
- 385. Murselli, Double (American Flag)**—White and orange-scarlet. Fine... 5
- 386. Tulip**—H. a., 1½ feet. Vivid scarlet, with black spots at base of each petal, resembling a Tulip... 10
- 387. Lævigatum Compactum**—16 inches. Forms compact bush. The glowing dark scarlet blooms, with central black spots, are carried on slender stems, well above the foliage... 15



Tulip Poppy. No. 386.



White Swan Poppy. No. 382.

Pkt. cts.

- 388. PORTULACCA, Grandiflora**—H. h. a., ½ foot. Splendid double mixed... 25
- 389. PORTULACCA, Single Mixed**—H. h. a., ½ foot.. 5
- Beautiful little annuals of extremely brilliant colors; make a pretty bed in any sunny situation.

Primula Sinensis Fimbriata

- 390. Alba**—Pure white... 50
- 391. Rubra**—Red shades... 50
- 392. Waltham Maid**—Purple with pure white border... 50
- 393. Meteor**—Large flower of intense rich crimson... 50
- 394. Holborn Blue**... 75
- 395. Coccinea Magnifica**—Rosy scarlet, clear sulphur eye... 75
- 396. Chiswick Red**—Brilliant crimson-scarlet... 50



Primula Sinensis Fimbriata. No. 402.

Continued on next page.

PRIMULA SINENSIS—CONTINUED. Pkt. cts.

397. **New Violet Crimson**—This is a very pretty shade. 50
 398. **Alba Magnifica**—Dwarf habit; blooms are finely fringed, of great substance and pure white. 75
 399. **Waltham White**—New. Dark red stems. 1.00
 400. **Mars**—Fiery crimson. 1.00
 401. **Victoria Striata**—White, delicately tinged, and striped with carmine. 50
 402. **Ewing's Prize Strain**—Very best named sorts, mixed. 50
 403. **Reve d'Or**—See "Novelties and Specialties" 1.00
 404. **Fern Leaved Varieties**—Red. 50
 405. " " " White. 50
 406. " " " Mixed. 50
 407. **Double**—Mixed colors. 75
 408. **Chinese Mixed**—Plain edged. 10
- Our **PRIMULA** comprises the very best named sorts, and the blooms are unsurpassed in size, substance and color.



Primula Obconica Grandiflora. No. 412.

409. **PRIMULA CHINENSIS STELLATA**, "The Lady"—As a decorative plant this charming Primula is very effective. The pure white flowers with distinct yellow eyes, are star-shaped and grow tier upon tier, so that the plant forms a most graceful pyramid. Both flowers and foliage have dark purple stems. 75
410. " **Chinensis Stellata**—Red. Is of same habit of growth as "The Lady," the popular white variety, to which it makes a most effective contrast. 75
411. " **Chinensis Stellata Hybrida**—An improved form of Star or Lady Primula. The snow-white blooms, however, are nearly equal in substance and fringing to the best Chinese varieties. Fine for cutting. 75
412. " **Obconica Grandiflora**. 50
 Delicate lilac shade, approaching to white. Is a continuous bloomer.
413. " **Japonica, or Japanese Primrose**. 25
 A beautiful hardy Primrose, flowers are of all shades of crimson, maroon, lilac, white, etc., on stems 1 foot high.
414. " **Forbesi**—H. h. p. Specially adapted for greenhouse decoration. Produces an abundance of exquisitely graceful small pink blooms. Pyramidal habit; 1 ft. 50
415. **PRINCE'S FEATHER, Mixed Colors**—H. a., 2 ft. 5
 Elegant upright plumes of rich colors.
416. **PYRETHRUM, Golden Feather**—H. h. a., 1 foot. Bright golden foliage and stiff habit of growth. Is much admired as an edging plant. 10

417. **RHODANTHE, Fine Mixed**—H. h. a., 1 foot. If gathered ere the flowers fully expand, is, perhaps, the prettiest of all the "Everlastings" 10

Ricinus, or Castor Oil Plant

Rhodanthe. No. 417.

418. **Zanzibarensis**—6 feet. The large wrinkled leaves are of a metallic olive-green, of great size and strongly ribbed. Pkt. 10c.

419. **Combodgenis**—5 feet. Large bronzy maroon colored leaves with red veins. The main stem is jet black. Makes an exceedingly attractive plant, either singly, or in groups on the lawn. Should be sown early and transplanted. Pkt. 10c.

420. **Macrocarpus**—5 feet. Pkt. 10c.

421. **Purpureus Major**—Purple, 6 feet. 10
 422. **Borboniensis**—Violet leaves, 12 feet. 10
 423. **New Species from Phillipine Islands**—8 feet. 10
 424. **Sanguineus**—6 feet. 5
 425. **ROSA, Polyantha Dwarf**—H. h. p., 1 foot. 15
 Large semi-double flowers of all the colors usually found in other roses. Will flower in 8 weeks from time of sowing.

426. **RUDBECKIA, Bicolor Superba**—H. h. a., 2 feet. Branching habit, producing an abundance of blooms on long stems, with brown discs while the ray florets are yellow, with velvety spots at the base. 15
427. " **Bicolor Superbissima Semiplena**
 —New. See "Novelties and Specialties" 25



Rudbeckia Bicolor Superba. No. 426.

428. **SAINTPAULIA, Ionanthe**—Deep blue 50
 429. " **Rubra**—Lilac 50
 A charming little pot plant, the leaves forming a flat rosette. Flower stems are from two to four inches high, crowned with deep blue and lilac-red flowers.



Sensitive Plant. No. 449.



Sweet Scabious. No. 444.



Perilla Nankinensis. No. 358.



Ricinus Zanzibarensis. No. 418.

Salpiglossis Variabilis
Superbissima. No. 437.

- | | | Pkt. cts. |
|---|--|-----------|
| 430. | SALVIA, Argentea —H. h. p., 3 feet. Silver-leaved plant of easy growth. Makes an appropriate edging for beds of Canna or Ricinus | 5 |
| 431. | " Rœmeriana —T. p., 2 ft. Beautiful scarlet | 10 |
| 432. | " Splendens —T. p., 2 feet. Scarlet | 10 |
| 433. | " Compacta Nana —A new and very dwarf variety with dazzling scarlet flowers | 10 |
| 434. | " Glory of Stuttgart —A new brilliant scarlet variety producing large bouquets of bloom | 10 |
| 435. | " Patens —T. p. Handsome erect habit of growth, with bright, blue flowers | 10 |
| 436. | SALPIGLOSSIS, Fine Mixed —H. h. a., 2 feet | 5 |
| 437. | " Variabilis Superbissima —H. h. a., 2½ feet. A new form, producing one strong stem, which is closely studded with richly veined blossoms, thus giving each plant the appearance of a compact bouquet | 15 |
| 438. | " Large Flowering —2 ft. Mixed | 10 |
| 439. | " Dwarf Mixed —H. a., 1½ feet | 10 |
| Salpiglossis produces an abundance of funnel-shaped flowers, beautifully veined and marbled, of all shades of color. Fine border plant. | | |
| 440. | SANVITALIA, Procumbens —H. a., ½ foot. Double, yellow. A pretty creeping plant, suited for edgings of small beds or rockeries | 10 |
| 441. | SAPONARIA, Calabrica —H. a., 3 inches. Pink | 5 |
| 442. | " Alba —H. a., ½ foot. White | 5 |
| Makes a neat edging or bed. Very compact growth. | | |



Ricinus Cambodgensis. No. 419.

- Pkt. cts.
443. **SAXIFRAGE, Cymbalaria**—Mostly used in hanging baskets or rockwork, its long drooping tendrils suiting admirably for either purpose. 10
444. **SCABIOUS, Sweet**—H. b., 2 feet. Tall mixed. 5
445. " **Dwarf Mixed**—H. b., 1 foot. 5
446. " **Snow White**—H. b., 2 feet. The flowers measure about 2 inches in diameter, of the purest white, and very double, with strong stems and luxuriant foliage. 10
447. " **Pompadour**—H. b., 2 feet. Produces enormous spherical blooms. The petals are large, black-purple at the centre, and pure white from the centre to the edge. 10
448. **SEDUM, Cœruleum (Stonecrop)**—H. a., blue, ¼ ft. 10
449. **SENSITIVE PLANT**—H. h. a., g. 1 foot. Pretty foliage; the leaves close upon the slightest touch. 10
450. **SILENE, Pendula Double Dwarf**—H. a., ½ foot. Flesh color with an abundance of perfectly double flowers. Forms dense close tufts. 10
451. **SINNINGIA REGINA HYBRIDA**—See Novelties and Specialties. 50
452. **SMILAX**—G. P. A much-admired greenhouse climber. The glossy green leaves and its length of stem cause the Smilax to be greatly prized for decorative purposes and in the formation of wreaths and crosses. A splendid plant for greenhouse or table decoration. 10
453. **SOLANUM or JERUSALEM CHERRY, G.** 10
454. **STATICE**—H. h. a., 1 foot. Fine mixed. A valuable Everlasting flower, equally prized for summer blooming and winter bouquets. 5
455. " **Sinensis**—New. 1½ feet. Pure White. 10
- Changing to Canary yellow. Invaluable for cutting as blooms are "everlasting."



Dwarf Double Sunflower. No. 453.

456. **SUNFLOWER, Tall Double Californian**—H. a., 6 feet. Large orange flower. 5
457. " **Globosus Fistulosus**—H. a., 6 ft. 5
458. " **Double Dwarf**—H. a., 3 ft. Orange. 5
459. " **Miniature**—H. a., 3 ft. Branching. Single flowers, orange, dark centres. 5
460. " **Mammoth Russian**—Single, h. a. 5
461. " **(Helianthus) Cucumerifolius**
"Orion"—H. a. Grows about 4 feet. Of branching habit and covered with small, single yellow flowers, with twisted and fluted petals and dark centres. Useful for cutting.

Sweet Peas

The **SWEET PEA** still continues to receive a large amount of attention, both from skilled Horticulturists and enthusiastic Amateurs, and every year brings new and strikingly beautiful varieties. It has been a favorite for a long time, and justly so, as no plant excels it for garden decoration, cut flowers for bouquets, vases, etc., or for its delicious fragrance. Besides all these superlative qualities, it is so easy of cultivation that the Amateur can grow it just as successfully as the best professional gardener.

The 70 varieties which we offer separately, comprise all the best sorts in cultivation and about all that are truly distinct, either in color or form. It is well worth the trouble of all who have space enough, to sow Sweet Peas in separate varieties or colors, as, either when growing or when cut, they have a much more pleasing and striking effect than when mixed. Please note that our Sweet Peas have been specially and carefully grown, and not as a field crop, and must not be confounded with such seed.

GENERAL LIST

Cupid or Dwarf Varieties

Form dwarf bushes 6 to 8 inches in circumference and about the same in height.

- Pkt. cts.
462. **White**. 5
463. **Pink**. 5
464. **Alice Eckford**—Standard creamy white, blended with a shading of soft pink; the wings are silvery white with a faint flush in the centre. 5
465. **Primrose**—Rich cream color. 5
466. **Cupid**—Mixed varieties. 5
- Please note that the Cupids flower better if started in pots in the house or hot bed. After being planted out, never neglect watering in dry weather.

Sundry Special Varieties

467. **DOUBLE**—Mixed colors. About 30 p.c. will come true from seed. 5
468. **BURPEE'S NEW BUSH**—Mixed varieties. A distinct race, of perfect bush form. The flowers are all borne on top of the plant. If planted in rows no supports will be necessary. 1½ feet. 5
469. **Earliest of All**—About two weeks earlier than any other sort. Standards are bright pink and the wings white. By making successive sowings blooms can be had all the season. 2 feet. 5

Tall Varieties

470. **America**—Blood red stripes on white ground. 5
471. **Apple Blossom**—Bluish white, tinged with pink. 5
472. **Aurora**—Silvery white ground, flaked with salmon. 5
473. **Blanche Ferry**—Pink, shaded with white. 5
474. " **Extra Early**—Same color, but ten days earlier. 5
475. **Blanche Burpee**—Pure white. 5
476. **Black Knight**—Deep maroon, self colored. 5
477. **Blushing Beauty**—Flesh pink. Fine. 5
478. **Boreatton**—Dark wine color. 5
479. **Butterfly**—White, blotched. 5
480. **California**—Light pink. 5
481. **Captain of the Blues**—Standard light maroon, wings light purple. 5
482. **Captivation**—Light claret color. 5
483. **Chancellor**—Orange pink, wings orange rose. 5
484. **Countess of Radnor**—Delicate lavender. 5
485. " **Cadogan**—Standard bright shining violet overlaid with sky-blue, wings pure sky-blue. 5
486. **Countess of Lathom**—Pale Pink. 5
487. **Crown Jewel**—Primrose ground, veined with violet. 5
488. **Dorothy Tennant**—Beautiful rosy mauve. 5

Ten Week Stock—CONTINUED.



Ten Week Stock.

Pkt. cts.

The Ten Week Stock produces its flowers in spikes of the greatest diversity of color. In large beds, in clumps of two or three plants, in mixed beds, or in rows, it looks splendid. Half-hardy annual.

545. **TAGETES, Patula Nana Compacta**—9 ins. 10
 546. " " **Lilliput**—5 ins. 10

Dwarf varieties of Marigold; bright yellow with elegant foliage; splendid bedding or border plant. h. h. a.

547. **THUNBERGIA, Fine Mixed**—H. h. a., climber. Is admirably suited for trellis work or hanging baskets. 10

548. **TORENIA, Fournieri**—T. a. A fine plant, either for hanging baskets or pot culture. Flowers are large, sky-blue in color, spotted with indigo blue. Will keep in flower from June to September. 15
 549. **TROP OLUM, Canariense or Canary Bird Flower**—Beautifully cut leaves and yellow flowers. Hardy climber. 10
 550. " **Lobbianum, Mixed Hybrids** . . . 5
 One of the best annual climbers, and a freer flowerer than the Tall Nasturtium.



Verbena

551. **Finest Mixed** 5
 552. **Choice Large Flowering Hybrids—Mixed.** Saved from best varieties. 15
 553. **Pure White** 10
 554. **Defiance**—The popular scarlet bedding variety . . 10
 555. **Hybrida Compacta, Mixed Colors** 15
 Compact plants of five inches in height, completely covered with beautiful blooms.
 556. **Mammoth**—This is a splendid strain saved from Henderson's Mammoth Hybrids. 15
 557. **Venosa**—12 inches. A bedder of erect habit. Flowers are bluish purple with a metallic tinge that glistens in the sun. Continues in bloom all summer. 5
 558. **SWEET SCENTED VERBENA**—(*Aloysia citrodora*). A woody plant for house culture. 10
 The Verbena is deservedly a great favourite, and no plant excels it in beds or borders. Sow in a hot-bed or in boxes in the house, and prick out the plants into small pots when two or three inches high, and afterwards plant out where intended to bloom.
 559. **VENUS LOOKING GLASS**—H. a., ¾ foot. Mixed. 5
 560. **VINCA**—T. p., 2 feet. Mixed. For conservatory. . . 10
 561. **VIOLET, Sweet-Scented, English** 10
 562. " **The Czar**—G. p. Dark blue. Sweet-scented. 10
 563. **VIRGINIAN STOCK, Mixed Colors**—H. a., 9 ins. 5
 A pretty little sweet-scented annual; the flowers completely hide the foliage; nice for beds or edgings. It blooms very early.
 564. **VISCARIA, Mixed Colors**—H. a., 1 foot. 5
 An extremely pretty bedding annual, of compact growth. Both foliage and flowers are beautiful.
 565. **WALLFLOWER, Single Mixed Colors** 5
 566. " **Double Choice Mixed Colors**. 15
 567. " **New Early Single**—H. a. 5
 568. **WHITLAVIA**—H. a., 1 ft. For beds or edgings, and flowers well in the shade. 5
 569. **WILD CUCUMBER**—A rapid growing and handsome hardy climber and very popular. See illustration above. 5
 570. **XERANTHEMUM, Fine Mixed**—H. a., 1 foot. Plant out 1 foot apart. Flowers are large and abundant. "Everlasting Flower" 5

Wild Cucumber. No. 569.

Zinnia

Pkt. cts.

571. **Grandiflora Laciniata**—New double white. Blooms are perfect in shape and the petals have deeply fringed edges. 10
572. **"Iris"**—New double, ground color is pale yellow, striped and spotted with crimson, pink and red. 10
573. **Double Fine Mixed**—H. a., 2 feet. 5
574. **"Dwarf"**—H. a., 1½ feet. 5
575. **"Choice Mixed**—H. a., 2 feet. Saved from best flowers only. Extra. 10
576. **Double Grandiflora Robusta, Extra Choice Mixed**—H. a., 2 feet. 10
577. **Double Choice Striped or Zebra**—H. a., 2 feet. 10
578. **Double New Dwarf Pumila Mixed**—H. a., 1½ feet. A semi-dwarf variety. 10
579. **Double Pompon or Lilliput**. 10
Of dwarf and compact growth, 9 ins. Charming little double flowers of various shades, which are useful for cutting. Makes a fine bed.
580. **Double Giant Queen Victoria**—2½ ft. Pure white double flowers and extra large size. Comes true from seed and is deserving of universal culture. 15
581. **Haageana Hybrida**—Mixed. 10
The flowers of the latter are single or semi-double; are numerous and remarkably varied in color, the rich shades contrast finely with the dark green foliage.

COLLECTIONS OF DOUBLE ZINNIA.

Tall Double.

Collection of 6 colors.	\$0.50
" 8 "	0.75
" 12 "	1.00

Dwarf Double.

Collection of 6 colors.	\$0.50
" 8 "	0.75

The blooms of the Zinnia are not only perfect in form, but of the most brilliant and varied colors, and produced in the greatest profusion. It can be grown quite successfully by sowing seed in the open ground.



Verbena Hybrida Compacta. No. 555.

The foregoing varieties of flowers are for the most part annuals adapted for open air culture and which bloom and die the same year as sown. Those marked H. B. are Biennials and will live for two years, but are not hardy enough to stand our severe winters. The balance are Greenhouse plants marked G. Commencing at page 61, are Hardy Perennials which stand during winter in the open ground and flower from year to year.



Choice Large Flowering Verbena. No. 552.

Ornamental Grasses

Pkt. cts.

582. **AGROSTIS**—Nebulosa, 1 foot. 5
583. " Pulchella, 1 foot. 5
584. " Argentea, 1 foot. 5
585. **AVENA**—Sterilis (Animated Oats), 2 feet. 5
586. **BRIZA**—Gracilis, 1 foot. 5
587. " Maxima (Quaking Grass), 1 foot. 5
588. **COIX**—Lachrymae (Job's Tears), 2 feet. 5
589. **ERAGROSTIS**—Elegans, 1 foot. 5
590. **ERIANTHUS**—Ravennae. A superb perennial grass, growing 10 ft. in height, producing handsome feather-like plumes of silvery white. 10
591. **GYNERIUM**—Argenteum, 10 feet. Is considered the finest of all Ornamental Grasses, but is not so hardy as the Erianthus, which it resembles. 10
592. **STIPA**—Pennata (Feather Grass), 1½ feet. 5
Flowers the second year.

SELECT LIST OF CHOICE HARDY PERENNIAL FLOWER SEEDS



HARDY PERENNIALS ARE BECOMING MORE POPULAR FROM YEAR TO YEAR, but this is not to be wondered at when we consider their great variety of form, both in flowers, foliage and height, their loveliness of bloom and wonderful effectiveness alike in borders or beds, and for cutting. There are varieties of the most stately growth and striking foliage and flowers, others are of the most chaste and beautiful hues to be found in any class of flowering plant, while those, like the Pansy, the Snowdrop, or the Daisy, have a modest beauty that is all their own, and which is not to be found in any of the aggressively showy plants used generally in bedding. In a perennial border every day brings to view something new, as the different varieties come into bloom, and these constant changes, as one species succeeds another in blooming, far surpass in interest and attractiveness the unvarying monotony of "carpet bedding."

Their inexpensiveness is another great recommendation, the first cost being all the outlay required, for when once planted and given a fair share of attention, they are sure to increase in size and beauty. With an assortment of Hardy Perennial plants, a most beautiful, interesting and continuous display may be kept up from early spring till late in the autumn, and this continues on from year to year.

When once the beds or borders of Perennials are thoroughly established and properly arranged as to height, time of blooming, etc., no one will think of returning to the yearly planting out of tender bedding plants, which is both

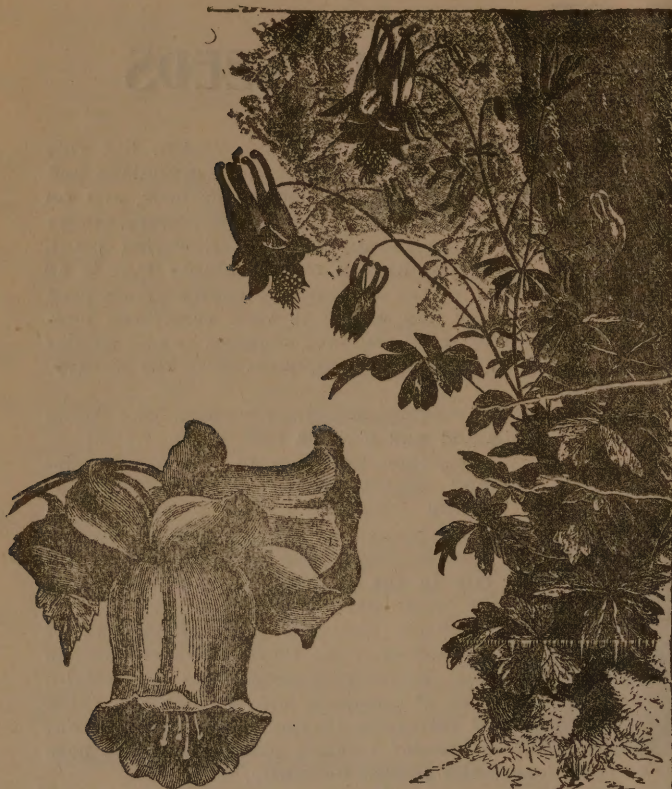
troublesome and very expensive, and besides this the first breath of frost leaves the garden unsightly.

In the open ground, Perennials should be sown either in May or June. Some may flower the same year, but all will be strong enough to transplant into the permanent borders in September and will bloom the succeeding season. To raise Perennials from Seed prepare a bed 4 feet in width, or 8 feet with a path in the middle, in a sunny situation, or, at all events, not in the shadow of trees, and if the soil is heavy, lighten it with sand and leaf mould, and rake perfectly smooth. Sow seed in shallow drills, six inches apart, and four feet is long enough to admit of weeding or thinning out the rows. After seeds are sown cover with a thin layer of straw or grass, which will retain the moisture given after sowing, and also will prevent heavy rains from washing out the seeds. Some of the varieties enumerated we are unaware of having yet been tried in Canada, so we are not perfectly certain of their hardiness in our climate, but such are not numerous, and lovers of Herbaceous Plants will risk a little to find this out for themselves we think, especially as a covering of a few inches of leaves in the fall will likely ensure their survival. We give the approximate time of flowering, which will help in making selections.

Note that at page 77 we offer an extensive assortment of **HARDY PERENNIAL PLANTS FOR SPRING**

PLANTING.

- | | Pkt. cts. | | Pkt. cts. |
|--|-----------|--|-----------|
| 593. ACHILLEA, Ptarmica Flore Pleno —"The Pearl."
2 feet, July-September. Double pure white flowers; very numerous and fine for cutting..... | 10 | 608. ANEMONE, Japonica —Rose; 3 feet, September .. | 10 |
| 594. " Multiflora Purpurea | 10 | 609. " Pulsatilla —Lilac; ¾ foot, May-June .. | 10 |
| 595. ACONITUM, Napellus (Monkshood) —Blue, ¾ feet, July-August..... | 10 | 610. " Sylvestris —Pure white, May-June..... | 10 |
| 596. ADENOPHORBA, Potanini —Numerous light blue drooping flowers..... | 25 | 611. ANTHEMIS, Kelwayi —Yellow; 1½ feet, May-June .. | 10 |
| 597. ADONIS, Vernalis —Bright yellow flowers, 2 inches in diameter, 1 foot, May-June..... | 5 | 612. AQUILEGIA, Long Spurred Double Flowering Hybrids —New. See "Novelties and Specialties"..... | 50 |
| 598. ADLUMIA, Cirrhosa —A perennial climber of very graceful habit, with flesh colored flowers..... | 10 | 613. " Vulgaris Compacta Rosea Fl. Pl. See "Novelties and Specialties"..... | 30 |
| 599. AETHIONEMA, Grandiflora —Rose; 1 foot; June. | 10 | 614. " Chrysantha (Golden Columbine) —Yellow, tinted with carmine-claret; very handsome..... | 10 |
| 600. AGRIMONIA, Pilosa —Yellow; 2 feet..... | 10 | 615. " Veitch's New Single Hybrids —Choice mixed. Blooms have long spurs and are of the most beautiful colors.. | 10 |
| 601. AGROSTEMMA, Coronaria —Rose Champion, 1 ft.; June-August. Bright rose-colored flowers..... | 5 | 616. " Stuardi —See "Novelties and Specialties"..... | 25 |
| 602. ALYSSUM, Saxatile Compactum —½ ft.; yellow, May-June..... | 5 | 617. " Choice Double Mixed | 10 |
| 603. ALLIUM, Azureum —1½ feet; June-July..... | 10 | 618. " Mixed Single | 5 |
| A blue flowering plant of the Garlic family. | | The Aquilegia is one of the showiest perennials, growing from 2 to 3 feet in height. Produces most attractive bright colored blooms, which make a grand show in either beds or borders. May-July. | |
| 604. ALSTROMERIA, Chilensis —3 feet; July-Sept. Bright yellow, in clusters..... | 10 | 619. ARABIS, Alpina, Nana Compacta —6 inches... .. | 10 |
| 605. ALSYNE, Pinifolia Gracilis | 5 | Pure white flowers and compact habit of growth; makes a fine edging and is most suitable for rockeries. May-June. | |
| 606. ALTHEA, Hybrida Semperflorans Fl. Pl. —See "Novelties and Specialties"..... | 30 | | |
| 607. AMPELOPSIS, Veitchii or Boston Ivy | 10 | | |
| A pretty hardy climber. The leaves of the young growth in summer are of a purplish green, changing | | | |



Canterbury Bell, Single. No. 653.

Aquilegia. No. 618.

- Pkt. cts.
620. **ARISTOLOCHIA, Siphon**—(Dutchman's Pipe) . . . 10
A hardy perennial climber, with beautiful large heart-shaped leaves.
621. **ARMERIA, Maritimum Splendens**—Dark rose.. 10
622. " **Formosa**—The **Armeria** (Sea Pink)
looks well in either beds or edgings, and it is a remarkably free flowerer. July-September.. . . . 5
623. **ARNICA, Montana**—1 ft. A rock plant.. . . . 5
624. **ASCLEPIAS, Incarnata**—Rose-Purple; 3 ft.. . . 10
625. " **Tuberosa**—Bright-Orange; 1½ feet;
August.. . . . 10



Arabis Alpina Nana Compacta. No. 619.

626. ASTER, (or Michaelmas Daisy)
—Mixed varieties.

Blooms are beautiful in color and form; and the plant itself most graceful in habit; 2 to 4 ft., September-Oct. pkt. 10c.

627. ASTER, Alpinus
—9 ins. Blue, September. pkt. 10c.

628. ASTER, Alpinus
—9 ins. White, September. pkt. 10c.

629. ASTER, Nova Angliæ—3 ft. Large purple flowers. pkt. 10c.
The **Hardy Asters** are of easy culture and are among the best of all perennials.

630. ASTERICUS, Sericens—pkt. 5c.



Campanula Persicifolia Alba. No. 648.

- Pkt. cts.
- 631. ASTRAGALUS, Alopecuroides**—3 feet. Yellow.. 5
- 632. AUBRETIA, Deltoidea**—Trailing. Dark blue; 4 inches, May-June.. . . . 10
- 633. " Purpurea**—Purple; 6 ins., May-June 10
- 634. " Græca**—Purple; 6 ins., May-June .. 10
- 635. AURICULA, Finest Mixed**.. . . . 10
- 636. " Choice Mixed Hybrids**.. . . . 25
A very beautiful spring flowering plant, with rich colored fragrant blooms; 6 inches, May.
- 637. BAPTISIA, Australis**—Blue; 4 ft. For shrubby borders; June-August.. . . . 5
- 638. BOCCONIA, Japonica**—6 feet. Highly decorative foliage plant, with creamy white flowers. Summer.. 5
- 639. BUPHTHALMUM, Cordifolium**—Yellow; 2 feet; May-June.. . . . 5
- 640. CALAMINTHA, Alpina**—Rose; 1 foot.. . . . 10
- 641. CALLIRHOE, Lineariloba**—Trailing, lilac striped, June-September.. . . . 10
- 642. CALTHA, Palustris**—6 ins. Bright yellow. Summer. Adapted for wet ground, but also does well in dry soil. A valuable perennial.. . . . 25

Campanula

- 643. Mirabilis**—See "Novelties and Specialties" for description.. . . . 20
- 644. Fragilis**—Prostrate, ¼ foot, purple.. . . . 15
- 645. Carpatica or "Hair Bell"**—Mixed. 6 inches .. 5
- 646. Macrantha**—Long white spikes.. . . . 5
- 647. Persicifolia**—2 feet. Blue. One of the best.. . . 10
- 648. " Alba**—2 feet. White.. . . . 10
- 649. Pyramidalis**—The "Pyramidal Bell Flower." Blue and white. Pyramidal form and literally covered with elegant bell-shaped flowers, good for either outside or greenhouse; 4 feet.. . . . 10
- 650. Sarmatica**—½ foot. Mixed colors 5
- 651. Turbinata**—½ foot. Blue and white.. . . . 5
- 652. Perennial**—Varieties in mixture.. . . . 5
Campanulas flower from June to August.
- 653. CANTERBURY BELLS, Single Mixed** 5
Rose, white and blue, h. b., 2 feet.
- 654. CANTERBURY BELLS, Double Mixed**.. . . . 10
Rose, white and blue, h. b., 2 feet.

655. **CANTERBURY BELL, Calycanthema** (Cup and Saucer)—H. h. b., 2 feet. 10
The **Campanulas**, including Canterbury Bells which are hardy biennials, are amongst the most showy and effective of all border plants. Being of many different heights, and flowering at different times, are great points in their favor; June-August.
656. **CARYOPTERIS, Mastacanthus**—5 feet. Blue; August-September. 10
657. **CATANANCHE, Cœrulea Bicolor**—2 feet. Blue and purple; July-August. 5
658. **CEDRONELLA, Cana**—2 to 3 feet. Crimson; July. 10
659. **CENTAUREA, Babylonica**—Yellow; 6 ft. Silvery foliage, July-September. 10
660. " **Montana**—White, 1½ feet. Silvery foliage. 10
661. " **Diluta**—Bushy plant, 2½ ft. Literally covered with lilac-rose, white centered flowers on long stalks. 10
662. **CEPHALARIA, Tartarica**—5 feet. Creamy-white; July-August. 5
663. **CHELONE, Barbata (Penstemon)**—2½ ft. Deep red, July. 5
664. **CHRYSANTHEMUM, Uliginosum**—(Pyrethrum) pure white single flowers, Aug.-October. 10
665. " **Maximum "Triumph"**—(Leucanthemum) 2 feet. Extremely large, pure white flowers. All summer. 15
666. " **Leucanthemum "Shasta Daisy"**—See "Novelties and Specialties" 25
667. **CIRSIUM, Pulcherrima**—3 feet. Purple; thistle like plant. 5
668. **CLEMATIS, Paniculata**—Climber. White, September. 10
669. **COMMELLINA, Cœlestis**—½ foot. Blue, May. 5
670. **COREOPSIS, Grandiflora**—3 feet. Deep yellow, June-October. 10
671. " **Lanceolata**—2 feet. Golden-yellow, June-October. 10
672. " **Auriculata**—3 feet, June-October 10
673. **COWSLIP, Finest Mixed**—6 inches. Spring 5
674. **CORYDALIS, Alba**—1 foot. White, June. 10
675. **CRUCIANELLA, Stylosa Purpurea**—½ ft. Purple, June-July. 5
676. **CUCUMIS, Perennis**—Ornamental Climbing cucumber. 10
677. **CYNANCHUM, Acutum** 10
Climbing habit. White; 2 feet, July.
678. **DAISY, Double Extra Choice Mixed**—4 ins. 10
679. " **New Giant Double**—Extra robust habit. Flowers as large as small Asters 15



Chrysanthemum Maximum "Triumph." No. 665.

- Pkt. cts.
680. **DAISY, Double Quilled**—The flowers are beautifully quilled. 10
681. " **Longfellow**—4 inches. 10
Very large deep rose-colored flower.
682. " **Snowball**—4 inches. Pure white double 15
Daisies flower from spring to fall, excepting for a short time in midsummer.
683. **DELPHINIUM, Formosum**—Blue, white eyes; 3 ft. 5
684. " **Cashmerianum**—1½ feet. Bright blue, July. 15
685. " **Chinensis**—White, 3 feet. 5
686. " **Hendersoni**—3 feet. Dark blue. 10
687. " **Zalil**—3 feet. Long beautiful spikes of yellow flowers; a beautiful and rare variety. 15
688. " **Double**—3 feet. Finest mixed. Includes all the newest double hybrids 15
689. " **Single Mixed Hybrids**—4 ft. 5
690. " **New Dwarf Compacta**—2½ feet. 10
691. " **Nudicale**—15 ins. Dwarf and compact plant, with splendid scarlet blooms. 10
692. " **Speciosum Glabratum**—New. See "Novelties and Specialties" 25



Cup and Saucer Canterbury Bell. No. 655.



Coreopsis Grandiflora. No. 670.



Delphinium. No. 689.

The **Delphinium** is one of the most imposing of hardy perennials, producing long spikes of bloom of the most gorgeous shades of color—blue, of various shades predominating. Is of easy culture, but its real beauty can only be seen when special attention is paid to the cultivation and manuring of the soil. Makes particularly striking groups on the lawn or in mixed borders. June-July.



Double Quilled Daisy. No. 680.

693. **DIANTHUS, Plumarius, Semi-Double. Mixed**
—9 ins. Sweet-scented, June. 10
694. " " **Nanus Flore Pleno**—
See "Novelties and Specialties" 25
(See Sweet William for Dianthus Barbatus).
695. **DICTAMNUS, Fraxinella**—3 feet. Red, sweet-scented. 10
696. **DIGITALIS, Alba**—4 feet. White. 5
697. " **Purpurea**—4 feet. Purple. 5
698. " **Canariensis**—4 feet. Yellow. 10
699. " **Ferruginea Gigantea**—Brown and yellow. 5



Digitalis. No. 700.

Gentiana Acaulis. No. 737.

700. **DIGITALIS, Mixed Varieties**—4 ft. pkt. 5c.
701. **DIGITALIS, Gloxinoides**—4 feet. Beautifully spotted. pkt. 5c.
702. **DIGITALIS, Ivory's Mixed**—4 feet. Saved from only the choicest flowers. pkt. 10c.

Pkt. cts.

703. **DIGITALIS, Monstrosa, Mixed**—4 feet. Similar in habit to other varieties excepting that the point of each spike is surmounted by a large, flat saucer-shaped bloom. 10
- The **Digitalis** or **Fox Glove** produces a mass of broad, dark green root-leaves from which the handsome flower spikes spring. These 4-foot-long stems are closely studded with drooping, bell-shaped flowers, producing a fine bold effect in almost any position. July-August.
704. **DODECATHEON, Meadia** (American Cowslip)—1 foot. Pale purple, June. 10
705. **DORONICUM, Caucasicum**—1½ ft. Yellow, June. 15
706. **DRACOCEPHALUM, Arganense**—1 foot. Light purple, August. 10
707. " **Rupprechtii**—1 ft. Blue, July. 10
708. " **Japonicum**—2 feet. Dark blue, July. 10
709. **DRYAS, Octopetala**—9 inches. White. 10
710. **ECHINACEA, Purpurea**—(Rudbeckia) 25
Reddish-purple; 4 feet, August.
711. **ECHINOPS, Ritro**—4 feet. Blue, September. 10
712. **EPILOBIUM, Hirsutum**—4 ft. Rose, July-August. 15
713. **EREMURUS, Himalaicus**—New. See "Novelties and Specialties" 25
714. " **Robustus**—New. See "Novelties and Specialties" 25
715. **ERIGERON, Hybridus Roseus**—1 foot. Rose; all summer. 15
716. **ERIOGONUM, Umbellatum**—6 ins. Yellow, July. 10
717. **ERYNGEUM, Giganteum**—3½ feet. Blue. Foliage is glistening white, June-September. 10
718. " **Amethystinum**—1½ feet. Blue. 10
719. **ERYSIMUM, Pulchellum**—½ foot. Yellow, May. 5
720. **EUPATORIUM, Fraseri**—3 ft. White, June-Aug. 10
721. " **Purpureum**—4 ft. Purple, Sept. 10
722. " **Ageratoides**—3 ft. White, Sept. 5
723. **FERULA, Gigantea**—Pale yellow. 6 ft., August. 10
724. **FORGET-ME-NOT**—½ foot. Blue and white, May. (See *Myosotis* also). 5



Eryngium Giganteum. No. 717.

- | | | Pkt. cts. |
|------|---|-----------|
| 725. | FUNKIA, Fortunei —½ feet. Pale lilac, long stem, July-August.. | 25 |
| 726. | " " Folis Variegatis —Foliage white and green, July-August.. | 25 |
| 727. | " Ovata —2 ft. Lilac, June.. | 50 |
| 728. | " Alba Marginata —2 feet. Lilac, leaves edged with white, June.. | 50 |



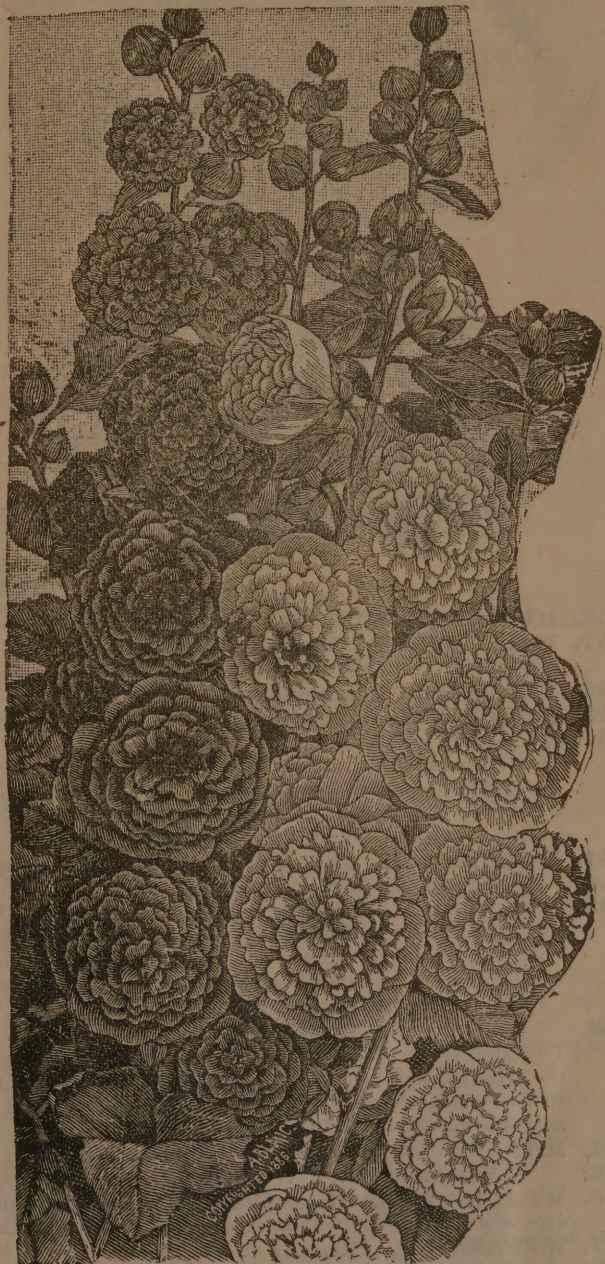
Gaillardia Grandiflora. No. 729.

- | | | |
|------|---|----|
| 731. | GAILLARDIA, Sulphurea Oculata —2½ ft. Ray florets pale sulphur yellow with violet ring and purple disc.. | 10 |
| 732. | " Aristata —3 feet.. | 5 |
| 733. | " Grandiflora Folii Aurea Variegata —New. See "Novelties and Specialties"..... | 20 |
| 734. | " Semi-Plena Grandiflora —See "Novelties and Specialties"..... | 20 |

The **Gaillardia** is unrivalled for the beauty of its flowers and continuous flowering.

Pkt. cts.

- | | | |
|------|--|----|
| 735. | GALEGA, Officinalis —4 ft. Lilac and white pea-shaped blooms, July-August.. | 5 |
| 736. | GAURA, Lindheimeri —3 ft. White, summer .. | 5 |
| 737. | GENTIANA, Acaulis —6 ins. Blue, Aug.-September. | 10 |
| 738. | " Cruciata —2 ft. Violet-blue, July .. | 5 |
| 739. | " Recumbens —2 feet. Blue, August.. | 10 |
| 740. | " Lutea —2 ft. Yellow, August.. | 10 |
| 741. | " Pneumonanthe —2 ft. Blue, August.. | 25 |
| 742. | " Przewalski —6 ins. Dark blue, July. | 10 |
| 743. | GERANIUM, Sanguineum —1½ ft. Blood red, Aug. | 15 |
| 744. | GEUM, Atrosanguineum —1½ feet. Bright scarlet; fine for cutting, August-September.. | 10 |
| 745. | GILLENIA, Trifolata —3 ft. White, slightly tinged with pink, July.. | 15 |
| 746. | GLAUCIUM, Fischeri —3 feet. Snow-white. Is in reality a biennial, but reproduces from seed .. | 10 |
| 747. | GNAPHALIUM, Leontopodium —1 foot. This is the "Edelweiss" of the Alps. The flowers are pure white and star-shaped, May-June.. | 25 |



Chater's Double Hollyhock. No. 761.

Pkt. cts.

748. **GUNNERA, Manicata**—4 ft. Is perhaps the noblest of all Lawn Foliage Plants. Does best in moist rich soil. Must never suffer from want of water. Gigantic leaves. 10
749. " **Scabra**—4 feet. 10
750. **GYPSOPHILA, Paniculata**—3 ft. Long panicles of white flowers, excellent for cutting; a choice, hardy, herbaceous plant, July-August 5
751. **HAPLOCARPHA, Leichtlini**. 10
752. **HEIMIA, Salicifolia**—5 feet. 10
753. **HELENIUM, Bigelowii**—3 feet. Rich yellow, with brown central disc, July-September. 15
754. " **Hopesi**—3 feet. Brilliant orange-yellow, July-August. 5
755. " **Autumnale Superbum**—New. See "Novelties and Specialties" 30



Incarvillea Variabilis. No. 770.

756. **HELIANTHEMUM, Mutabile**—Mixed colors 5
757. **HELIANTHUS, Rigidus (Sunflower)**. 25
Ray florets yellow; disc chocolate; 3 feet.
758. **HELIOPSIS, Pitcheriana**—3 ft. Yellow, Sept. 25
759. **HEUCHERA, Sanguinea**—(Coral Plant) 1 ft. Red. 15
760. " **Alba**—1 foot. White. 25
Heucheras throw graceful spikes of delicate flowers, which for cutting cannot be surpassed. We strongly recommend them as amongst the choicest herbaceous plants and they also force well.
761. **HOLLYHOCK, Chater's Extra Choice Strain, Mixed**—6 feet. Double blooms 25
762. " **Alegheny**—Flowers have not the stiffness of the ordinary variety, but have loosely arranged, curiously fringed petals in color varying from pale pink to deep red. 15
763. " **Finest Mixed**. 10
The stately growth and magnificent flower spikes of the **Hollyhock** render it a most striking and effective plant either in groups or in the back rows of herbaceous borders, July-August.
764. **HOP**—Well known hardy climber. 5
765. " **Japanese**. 10
766. **HYACINTHUS, Candicans**—2 feet. Pure white, drooping funnel-shaped flowers; very fragrant, Aug. 5
767. **HYPERICUM, Elegans**—1 ft. Yellow, July-Aug. 10
768. **IBERIS, Sempervirens**—1 ft. White 5

769. **IBERIS, Gibraltarica**—1 foot. Pink. pkt. 10c.

These perennial **Candytufts** flower profusely; are useful for cutting; and satisfactory whether grown in beds or borders, May-June.

770. **INCARVILLEA, Variabilis**—3 ft. Rose. pkt. 15c.

771. **INCARVILLEA, Delavayi**—See "Novelties and Specialties." pkt. 25c.

772. **INULA, Grandiflora Glandulosa**—2 ft. pkt. 25.

Large golden yellow flowers, June-Aug.



Inula Grandiflora Glandulosa. No. 772.

Pkt. cts.

773. **INULA, Glandulosa Laciniata**—New. See "Novelties and Specialties" 50
774. **ISATIS, Glauca**—New. See "Novelties and Specialties" 30
775. **KUHNIA, Euparoides**—1 ft. Cream color. Aug. 10
LEUCANTHEMUM—See Chrysanthemum.
776. **LEPTOSINE, Gigantea**—3 feet. Yellow. 10
777. **LIATRIS, Spicata (Blazing Star)**—2 feet. 10
Purple; July-August. Bright and effective in mixed borders.



Perennial Lupin. No. 785.

778. **LINUM, Flavum**—1 foot. Yellow, August. 10
779. " **Perenne**—1½ feet. Blue, August. 5
780. **LIGULARIA, Macrophylla**—3 ft. Yellow spikes. 15
781. **LINARIA, Alpina**—4 ins. Purple and orange 15
782. **LINDELOFIA, Spectabilis**—1½ feet. Purplish red, August. 5
783. **LOBELIA, Fulgens Nanseniana**—New. See "Novelties and Specialties" 25
784. " **Cardinalis**—2 feet.—Scarlet, July-Sept. 10
785. **LUPINUS, Polyphyllus**—4 ft. Blue, June-July 10
786. " **Arboreus, Yellow Tree Lupin**—Yellow, 3 feet, June-July. 10

Lupins are of easy culture and the seed should be sown where intended to bloom, as they are troublesome to transplant. Are amongst the showiest of summer flowering plants, and their long spikes of richly colored blossoms are specially adapted for mixed borders.



Lychnis Haageana Hybrida. No. 789.

- | | |
|--|----|
| 791. LYTHRUM, Roseum Superbum —3 feet. Long spikes; rose, August-September. | 5 |
| 792. MALVA, Moschata —2 ft. White, July-Sept. | 10 |
| 793. MATRICARIA, Eximea Nana, "Golden Ball" —1 foot. Yellow, June-July. | 15 |
| 794. MERTENSIA, Siberica —15 ins. Purple, June. | 15 |
| 795. MICHAUXIA, Campanuloides —4 feet. White, tinged purple, summer. | 10 |
| 796. MONARDA, Didyma —3 ft. Scarlet, June-August. pkt. 25c. | |
| 797. MONARDA, Hybrid a—Mixed colors. pkt. 10c. | |
| 798. MONTBRETIA, Mixed —2 feet. Different shades of orange, July-September. pkt. 10c. | |
| 799. MYOSOTIS, Forget-me-not, Mixed —12 ins. Blue and white, May-June. pkt. 5c. | |
| 800. MYOSOTIS, Alpestris Triumph —1 ft. Azure blue, May-June. pkt. 25c. | |
-



Monarda Didyma. No. 796.

- | | | |
|--|--|----|
| 801. | MYOSOTIS, Alpestris Stricta Rosea —Upright growth, pink, May. | 10 |
| 802. | “ Dissitiflora —6 ins. Blue, May-June | 15 |
| 803. | “ “ —6 ins. White, May-June. | 20 |
| <p>Myosotis Alpestris and Dissitiflora are all large flowering Forget-me-nots, and also of erect, stiff growth.</p> | | |
| 804. | OBELISCARIA, Pulcherrima (<i>Rudbeckia Drummondii</i>)—2½ feet. Rays brown and yellow, autumn.. | 5 |
| 805. | ENOTHERA, Fraseri —1½ feet. Yellow. | 10 |
| 806. | “ Missouriensis —Yellow. Trailing, June-August. | 5 |
| 807. | “ Odorata | 5 |
| 808. | “ Macrocarpa —Yellow. | 5 |
| 809. | “ Youngi, New —See “Novelties and Specialties”.. . . . | 30 |

Pkt. cts.

- 787. LYCHNIS,**
Chalcedonica —3
ft. Scarlet, June-
August. pkt. 5c.
- 788. LYCHNIS,**
Alba—3 ft. White,
June-Aug. pkt. 5c.
- 789. LYCHNIS,**
Haageana Hy-
brida—2 feet.
Mixed scarlet and
white, June-Aug.
pkt. 10c.
- 790. LYCHNIS,**
Mixed Varieties
—pkt. 5c.

Lychnis should be included in all perennial collections. The large glowing flowers of the *Chalcedonica* varieties are striking. "Haageana" is remarkably showy, and stands long after being cut.

Pkt. cts.

- | | | |
|------|---|---|
| 810. | ONONIS, Rotundifolia —15 ins. Bright red, June-July. | 5 |
| 811. | OROBUS, Lathyroides —1½ ft. Blue, June-July.. | 5 |
| 812. | " Niger —3 ft. Purple, May-June | 5 |
- Charming plants. They produce a mass of tiny blossoms, which almost hide the foliage.



Pansy

- | | |
|---|--------|
| Collection of 24 separate colors..... | \$1.50 |
| " 18 " " | 1.25 |
| " 12 " " | 1.00 |
| " 6 " " | 50 |
| 813. Dobbie's Fancy Exhibition —See "Novelties and Specialties"..... | 50 |
| 814. Prince Henry —New..... | 50 |
| For description see "Novelties and Specialties." | |
| 815. Fine Mixed | 5 |
| 816. " French | 10 |
| 817. Ewing's Prize Strain —A superb strain of all the finest large flowering varieties. See "Novelties and Specialties." Per ¼ oz. \$2..... | 50 |
| 818. Masterpiece —New..... | 25 |
| Very large blooms with the richest combination of colors to be found in any variety of Pansy. Petals are overlapped at the edges, and are also waved and curled. | |
| 819. Bugnot's Choice Large Flowering | 50 |
| Is a distinct French strain. The blooms are large and of fine form and the colors beautiful. | |
| 820. Cassier's New Large Flowering —Mixed colors .. | 25 |
| A magnificent strain with extra large flowers, and each petal is marked with a large dark blotch. | |
| 821. Odier or Five Blotched —Mixed colors..... | 15 |
| Splendid large flowering strain. | |
| 822. Peacock —Upper petals are ultra-marine blue with shades resembling peacock's feather, while the lower are claret-color, edged with white..... | 25 |
| 823. Giant Trimardeau —Mixed colors. An extremely large flowering strain | 25 |
| 824. Emperor William —Ultra-marine blue, with purple eye. Its blooms are carried well above the foliage, and is thus particularly adapted for bedding..... | 15 |
| 825. Snow Queen —Pure satiny white, with yellow eye; useful for florists..... | 10 |
| 826. King of the Blacks —Almost black..... | 10 |

Continued on next page.

- Pkt. cts.
827. **Victoria**—Brilliant claret color. 15
And many other named sorts.
828. **Tufted Pansy**—Mixed. 25
The Pansy is a universal favorite, and its charming blooms are most effective in beds, lines, or in clumps in the mixed border. The wonderful diversity in the colors and the markings of the flowers, as well as the ease of culture, and the length of time it continues to bloom, all contribute to this. We make a specialty of the PANSY, and guarantee that "EWING'S PRIZE STRAIN" will produce flowers that cannot be surpassed in size, shape or brilliancy of coloring, and in it will be found representatives of all the best varieties of the present time. On this account we think it necessary only to offer, separately, representatives of a few of the leading and distinct strains. Though a hardy perennial, the largest and best blooms are always obtained from the first year's growth from seed. Blooms all summer.



Perennial Pea. No. 830.

832. **PHYSALIS, Franchetti**—2 feet. In autumn bears handsome orange-scarlet seed capsules, resembling Chinese lanterns. 10
833. **PHYSOSTEGIA, Virginica Speciosa**—2 ft. Rosy lilac, July. 15
834. **PHYTOLACCA, Decandra**—6 feet. White flowers with red berries. 10
835. **PHLOX**—3 feet. Mixed colors. 10
836. **" New Dwarf**—1½ feet. Mixed colors. 15
The Perennial Phlox is one of the most popular and best hardy perennials. Its erect bushy habit, and produces compact showy heads of bloom of the most beautiful and varied colors, August-September.
837. **PLATYCODON, Grandiflora Alba**—1½ ft. White, July. 10
838. **PLATYCODON, Grandiflora Nana Alba**—1 ft. White, July. 10
839. **PLATYCODON, Duplex Semi-Double**—1 ft. Blue, July. 15
840. **PLATYCODON, Grandiflora**—1½ ft. Blue, Polemonium Coeruleum. No. 842. July. 10



829. **PARDANTHUS, Chinensis**—4 feet. Orange red, spotted with brown, June-Sept. pkt. 5c.

830. **PEA, Perennial**—Pink and white mixed. pkt. 10c.

LATHYRUS, or Hardy Sweet Pea, grows 6 to 8 feet high when trained on a trellis; is quite hardy. Flowers are borne in beautiful clusters. July-Sept.



Perennial Phlox. No. 836.

841. **POLEMONIUM, Richardsoni**—2 feet. Blue, July. pkt. 10c.
842. **POLEMONIUM, Coeruleum Grandiflorum**—2 ft. Light blue, June. pkt. 5c.
843. **POLYGONUM, Multiflorum**—2 feet. White, August. pkt. 10c.
844. **POLYANTHUS**—½ foot. Fine mixed. Most beautiful plant, either for out or indoor decoration. Very hardy and flowers early, May, pkt. 10c.

Perennial Poppy

- Pkt. cts.
845. **ICELAND**—1½ feet. Single mixed. 10
846. **"** 1½ feet. Double mixed. 10
The Iceland variety is sweet-scented, and has satiny-like flowers of every shade, from pure white to deep scarlet; from May, all summer.
847. **Bracteatum**—3 ft. Blood red, July. 10
848. **Orientalis**—3 ft. Different shades of red and orange, July. 10
The two latter produce immensely large flowers of exceptionally brilliant colors.
849. **Perennial Poppy Varieties**—In mixture. 10
The Poppy is a most valuable and effective border plant.
850. **POTENTILLA, Hybrida**—Double mixed, 1½ ft. 25
851. **"** Single mixed, 1½ ft. 10
Produces blooms of velvety texture, in crimson, maroon and orange-yellow, June-August.
852. **PRIMULA, Cortusoides**—9 ins. Deep rose, May-June. 10
853. **" Hybrida**—Large flowering hardy variety. 25
854. **" Arctotis Hybrida**—New. For description see "Novelties and Specialties". 30
855. **PRIMROSE**—4 inches. Yellow, May-June. 10
856. **" Irish**—In many colors. 4 ins., May-June. 25
857. **" New Hybrids**—Blue, June. 25
The blooms of the latter (carried well above the foliage) are of many beautiful shades of blue, from pale lavender to deep violet.
858. **PRUNELLA, Grandiflora**—6 ins. Violet, summer. 5
859. **PULMONARIA, Augustifolia**—9 ins. Blue, May. 5
860. **PYRETHRUM, Single Mixed Hybrids**—2 feet. 10
861. **" Double Mixed Hybrids**—2 ft., June-August. 25
862. **" Roseum Hybridum Grandiflorum** 30
For latter, see "Novelties and Specialties."
Pyrethrums are quite hardy, and few herbaceous plants surpass them for effect in the mixed border or for cut flowers.
863. **RESEDA, Glaucous**. 5
864. **ROCKET, Sweet**—2 feet. Sweet-scented. All summer, mixed colors. 6
865. **ROMNEYA, Coulteri**—2½ ft. White, July-Aug. 15

- | | | Pkt. | cts. |
|------|--|------|------|
| 866. | RUDBECKIA, Newmanii —3 feet. Golden yellow with black centre, August-Sept.. | 20 | |
| 867. | " Californica —5 feet. Yellow with brown centre, September .. | 10 | |
| 868. | " Bicolor Superba Semi-plena —New. See "Novelties and Specialties" .. | 25 | |
| 869. | " Fulgida Variabilis —New. See "Novelties and Specialties" .. | 30 | |
| 870. | SANGUISORBA, Officinalis .. | 5 | |
| | Dark purple; 3 feet, July-August. | | |



Single Iceland Poppy. No. 845.

- | | | |
|------|---|----|
| 871. | SAPONARIA, Ocymoides —Trailing. Red, May-August .. | 5 |
| 872. | SAXIFRAGA, Umbrosa —1 foot. White and pink, June-July .. | 25 |
| 873. | " Mixed Varieties —15 ins. May-June. 10
S. Umbrosa under the name of "London Pride," or "None-so-pretty," is an old-country favorite hardy border perennial. Very graceful. | |
| 874. | SCABIOSA, Caucasica —1 ft. Pale blue, July-Sept. 10 | |
| 875. | " Fum. erifolia —1 ft., July-September.. 5 | |
| 876. | " Caucasica Perfecta —See "Novelties and Specialties" .. 30 | |
| 877. | SCUTELLARIA, Alpina —1 ft. Purple, lower lip yellow, August .. 5 | |
| 878. | SEDUM, Aizoon —4 inches. Yellow, June.. 10 | |
| 879. | SIDALCEA, Candida —3 ft. White, July-August .. 10 | |
| 880. | " Listeri —See "Novelties and Specialties." 30 | |
| 881. | SILENE, Alpestris —6 ins. White, July-August.. 10 | |
| 882. | SILPHIUM, Perfoliatum —4 ft. Yellow, August-September .. 5 | |
| 883. | STACHYS, Alpina —2 feet. Purplish red, July.. 5 | |
| 884. | " Lanata —2 feet. Silvery foliage; white flowers, July .. 5 | |
| 885. | STATICE, Incana —1 ft. Pinkish blue, July-August .. 5 | |
| 886. | " Latifolia —1½ feet. Blue, July-August.. 5 | |
| 887. | " Mixed Varieties —1½ ft., July-August. 5 | |
| 888. | " Sinensis —New. See "Novelties and Specialties." .. 15 | |
| 889. | STELLARIA, Graminea Aurea —Dense matted growth, yellow foliage, white flowers, May-June.. 10 | |
| 890. | STEVIA, Purpurea —1½ feet. Purple, August.. 5 | |
| 891. | STOBIA, Membranifolia —3 ft. Purple, Aug.-Sept. 10 | |
| 892. | STOPEZIA, Cyanea —Blue corn flower aster, 1 ft. 10 | |
| 893. | SWEET WILLIAM, Mixed Varieties —1½ feet.. 5 | |
| 894. | " Choice Mixed Single —1½ ft. Saved from a superb collection of large flowering varieties.. 10 | |
| 895. | " Mixed Double —1½ feet .. 10 | |
| | Sweet William is an old favorite; hardly any plant presents a gayer appearance, either in beds or in clumps. It has large heads of bloom, is quite hardy and flowers early. It should be much oftener seen than it is. We strongly recommend it, and have taken pains to procure a grand strain of seed. | |
| | SUNFLOWER .—See Helianthus. | |
| 896. | TANACETUM, Corymbosum —1½ feet. Yellow, —July-August.. 5 | |

- | | | Pkt. | cts. |
|------|--|------|------|
| 897. | TANACETUM, Vulgare (Tansy) —2½ feet. Yellow, August-September.. | 5 | |
| 898. | THALICTRUM, Mixed Varieties —3 feet. White, fern-like foliage, June-July .. | 5 | |
| 899. | THERMOPSIS, Lupinoides —1½ ft. Yellow, July.. 10 | | |
| 900. | " Carolineana —1 foot.. | 10 | |
| 901. | TROLLIUS, New Mixed Hybrids —2½ ft. Creamy white to orange, June-July .. | 10 | |



Potentilla, Double Flowered. No. 850.

- | | | |
|------|--|----|
| 902. | VALERIANA, Mixed —4 feet. Blue and lavender, June .. | 5 |
| 903. | VERBASCUM, Phoenixum —3 feet. Violet, rose and white.. | 5 |
| 904. | " Spirale —A newly discovered hardy perennial not previously offered to the public. For description see "Novelties and Specialties" .. 25 | |
| 905. | VERBESINA, Virginica —2 ft. White, Aug-Sept. 10 | |
| 906. | VERNONIA, Arkansana —4 ft. Purple, August.. 25 | |
| 907. | VERONICA, Spicata —2 ft. Blue, July-August.. 10 | |
| 908. | " Mixed Varieties —2 ft., July-August. 5 | |
| 909. | VIOLA, Mixed —6 inches, from spring to fall .. 10 | |
| 910. | WULFENIA, Carinthiaca, Mixed —1½ feet. Various colors, August.. | 10 |
| 911. | ZAUSCHNERIA, Californica —1 foot. Bright red, August .. | 15 |

BEDDING PLANTS

Good-sized carefully grown, well hardened off plants ready for planting out any time in May.

Alternanthera, Achyranthus, Ageratum, Coleus, Heliotrope, Lantana, Lobelia, Pyrethrum, Pansy, Single Petunia, Single Geranium, Verbena, Etc.

Price \$1.00 per doz. 10c. each

Salvia, Cannas, Variegated Geranium, Fuchsia, *Double Petunia, *Double and Single Geraniums, Lantana, Etc.

Price \$2.00 per doz. 20c. each

All large Plants. Those marked *\$1.50 per doz.

For Seedling plants see page 61.

BULB ROOTS



A group of Tuberous-Rooted Begonias.

BEGONIA.

Single Varieties, in separate colors, scarlet, white, yellow and rose, 10c. each; 80c. per doz.; mixed varieties, 10c. each; 70c. per doz.; \$5 per 100.

SUMMER FLOWERING BULBS are sent by Mail. Post-paid, unless the contrary is stated.

Amaryllis, Formosissima—10c. each; \$1 per doz. Rich blood crimson flowers. Adapted for pot culture, but will do well in a sunny border outside.

“ **Johnsonii**—Large crimson flowers, striped with white; 75c. each.

“ **Belladonna Major**—Silvery white turning to rose; 50c. each.

TUBEROUS-ROOTED BEGONIA.

The Tuberous-Rooted Begonia, though valuable for pot culture and greenhouse decoration, is even more so for bedding out. The bulbs should be started either in the house or in a hot-bed, in pots, so as to be near the flowering stage about the end of May. This is time enough to plant out in the open ground, and in an ordinary season they will flower steadily from then till frost comes, and no plant makes a gayer or more attractive bed. The single flowers are large and numerous and of the most varied colors and delicate tints, and the same is true of the double varieties, which form perfect, double rosettes. Soil should be rich but not damp or too heavy, and they succeed best in a position that is shaded from the mid-day sun. Watering must be closely attended to. Lift the bulbs before the frost sets in, and store in a cool cellar, and start in pots to be ready to plant out in spring again.

Double Varieties, in separate colors; scarlet, rose, red, yellow and white, 20c. each; \$1.60 per doz.; mixed varieties, 15c. each; \$1.50 per dozen.



The Gladiolus is one of the most desirable of Summer Flowers. The blooms are of the greatest brilliancy and diversity of color, and costs less money for the display made from July to October (by making successive plantings), than any other Flowering Bulb. Plant 6 inches deep in rich soil, any time in May. Take the bulbs up in October and store over winter in a cool, dry cellar. A bed of a hundred or more is a grand sight. Our **Mixed Gladioli** are all **first size bulbs**, and will flower well the first season.

Prices of Gladioli are post-paid excepting by the hundred. The 100 rates do not include carriage or postage.

Special prices to large buyers.

	Per doz.	Per 100
Choice Mixed —All colors..	25c.	\$1.25
Pink and Rose —Mixed..	35c.	2.00
Yellow and Orange —Mixed..	50c.	3.50
Striped and Variegated —Mixed..	45c.	3.00

	Per doz.	Per 100
White and Light —Mixed..	45c.	\$3.00
Red and Scarlet —Mixed..	25c.	1.50
Snow White —Each, 15c.; per doz., \$1.75.		
Butterfly, Lemoine's Hybrids —Per 100, \$2; per doz., 35c; each, 5c. Large blotches on lower petals. Colors are striking, ranging from rich yellow to dark crimson.		

GLADIOLI—CONTINUED.

Childsi—Finest mixed. Each, 10c.; 80c. per dozen.

Of branching habit and grows from three to four feet. Flower spikes are sometimes 2 feet in length with extraordinary large flowers.

GROFF'S NEW HYBRID GLADIOLI.

Mr. Groff, after years of hybridizing the best varieties of the best classes of Gladioli and carefully discarding all flowers not reaching the highest standard of excellence, has succeeded in raising a new race of this gorgeous flower, altogether in advance of what has been, both in size of spikes and blooms and brilliancy and diversity of colorings. We are safe in saying these new hybrids are far superior to any Gladioli ever offered in Europe or America, and many of the colors have never before been thought possible to be produced in Gladioli. Groff's exhibit of Gladioli was a leading floral feature of the great St. Louis Exhibition, as nothing had been previously seen at all comparing with it.

Groff's World's Fair Collection—This new collection is prepared by Mr. H. H. Groff, from high-class novelties of recent introduction and undoubted merit.

It contains only a few hundred varieties, specially selected from the cream of the best sorts, to meet the demand for a limited number of **Extra Choice Types**, rather than a collection of great range in variety, so every bloom will be the very best.

Shades are of the most brilliant red, scarlet, crimson, cerise, yellow, blue and light colors, and the flowers are of exceptional size and beauty. Each 20c.; doz. \$2.

Groff's Extra Selected Pan American Exposition Collection—Is made up from the choice new varieties exhibited at Buffalo in 1901. The combinations of colors are endless, embracing the best productions of the most brilliant and at the same time delicate tints and striking contrasts of intense and vivid colors, practically unknown commercially. Flowers are of the largest size, spikes correct in form and plants of exceptional vigor. Per 100, \$10; \$1.50 per doz.; 15c. each.

Groff's New Hybrid Seedling Gladioli—Per 100, \$3.50; per dozen, 50c.

SUNDRY BULBS.

Apios, Tuberosa (Tuberous-Rooted Wisteria)—An elegant climber of quick growth. Dense foliage and purple blooms are produced in clusters. Sweet-scented and hardy. Bulbs, 10c. each; 75c. per dozen.

Caladium, Esculentum—Extra size. 25c. each; \$2.50 per doz.; large sized bulbs, 15c. each; \$1.25 per doz. If ordered by mail, add 2c. each for postage.

A most effective bright green foliage plant. Start in heat, and transplant into rich soil and water freely.

Canna—(Also see Plants). Dry bulbs each 10c.; dozen \$1.00. Start in a hot-bed or in pots in the house.

Cinnamon Vine (Dioscorea Batatas)—Bulbs, 5c. each; 50c. doz. Hardy climbing bulbous rooted plant which dies to the ground every Fall, starting in Spring again and growing 8 to 10 feet high. Leaves are heart-shaped, with small white flowers. Perfume resembles cinnamon.

Dahlia—(Also see Garden and Greenhouse Plants). Bulbs, mixed varieties, each 10c.; dozen \$1.00.

Gloxinia—A charming summer blooming pot plant, each 15c.; dozen \$1.50.

Iris—See Hardy Perennial Plants.

Lilium, Auratum—25c. each; \$2 per dozen, post-paid. Large white flowers, the petals being delicately spotted with crimson, and striped with pale gold color. August.

" **Longiflorum Giganteum**—\$1.50 per doz.; 15c. each, post-paid.

" **Speciosum Album**—25c. each; \$2.50 per doz. post-paid. One of the most beautiful of all Lilies, with flowers of the purest white, 3 feet.

" **Melpomene**—Very large flowers, rich blood crimson spotted. Per doz. \$1.50; 15c. each post paid.

" **Rubrum**—20c. each; \$2 per doz., post-

paid. Pure white ground, heavily spotted with crimson, 3 feet.

Lily of the Valley—Pips, 40c. per doz.; \$2 per 100.

Madeira Vine—A sweet-scented climber useful for porches and arbours. Store roots before frost comes and plant out in spring. Per doz. 40c.; per 100 \$2.25.

Montbretia—See Hardy Perennial Plants.

Tuberose, Double Excelsior Pearl—Each 5c.; dozen, 50c. post-paid; \$2 per 100 by Express or mail at purchaser's expense.

Delightfully fragrant pure white flowers. Bulbs planted in open ground about the middle of May will bloom in September, but it is preferable to start them in the house or in a hot-bed.

" **New Albino Single**—50c. per doz.; 5c. each.

Flowers are large, with spreading pure white petals with no brownish tint so common in other sorts. One bulb throws up from two to five strong flower spikes, which are often branched. Flowers thirty days earlier than Excelsior Pearl, and on this account are specially valuable.

Garden and Greenhouse Plants



Asparagus Plumosus.

Prices each cts.
Asparagus Plumosus25 to 60
" **Sprengeri**25 to 60

Two of the finest decorative plants, and valuable not only for their elegant and graceful foliage, but for their durability when cut.

Araucaria Excelsa—(Norfolk Island Pine) . . . \$1 to 2.00
Unrivalled for symmetry of form and grace and beauty of foliage.

Begonia—(Gloire de Lorraine) and all the best varieties50 to 2.00

Cyperus Alternifolius—(Umbrella Plant)50 and 75

Drac na Indivisa—(Fountain Plant)25, 50 and 75

Ferns—(For house cultivation)15 to 1.50

We offer a selection of all the most suitable varieties. Healthy plants.

Boston Fern75 to 2.00

Ficus Elastica—(Rubber Plant)75 and 1.25

A useful and highly ornamental plant that will flourish under adverse circumstances.

Grevillea Robusta—(Silk Oak)25 to 75
A fine and exceedingly hardy ornamental house plant.

Primula Single and Double, and all other plants suitable for parlor decoration.

Otaheite Orange—Fine decorative plant. A perfect dwarf orange, growing no larger than a specimen Geranium35

Palm, Areca Lutescens—From\$1.50 to 2.50

This majestic palm is without a rival for grace and elegance.

" **Cocos Weddeliana**75 to 1.50

Unexcelled for dinner table decoration. Exceedingly graceful.



Kentia Belmoreana.

Palm, Kentia Belmoreana—The Kentia class of Palms are among the very best for general cultivation, and are probably the most exempt from disease. Belmoreana is one of the best in its class \$1.75 to 2.50

Latania Borbonica—A palm possessing a strong constitution and other characteristics that make it a general favorite... \$2 to 5.00

Calla Lily, White (or Lily of the Nile)—\$2.50 per doz... 25

Spotted—(Richardia Alba)... 30
A splendid pot plant. Attractive even when not in bloom. Leaves are a rich green, beautifully spotted with white.

CANNA, New Large Flowering French Varieties—Comprising the best and new sorts. 25c. each; \$1.50 to \$2 per dozen according to size and variety.

CARNATION—Collection comprising all the best named varieties; 15c. each; \$1.50 per dozen.

CHRYSANTHEMUM—Collection, comprising all the standard sorts and newer introductions; 15c. each; \$1.50 per doz. Prices for flowering plants in fall on application.

Single Dahlias—Assorted varieties, 20c. each; \$2 per doz.

CACTUS DAHLIA, Austin Cannell—Bright rosy-crimson shading lighter at edges, each 20c.

Bridesmaid—Pale primrose, shading to rosy-lavender at edge, each 20c.

Countess of Lonsdale—Blending of salmon-pink and amber, each 30c.

Dr. Bolan—Rich glowing carmine shaded orange, each 40c.

Earl of Pembroke—Bright plum color; a royal shade, each 20c.

General Buller—Cardinal red with crimson shadings. Tips white, each 30c.

Hohenzollern—Rich, bronzy orange-red, with golden sheen, each 20c.

Mars—Brilliant scarlet with orange at base of petals, each 40c.

Mrs. A. F. Perkins—Sulphur yellow each petal tipped with white, each 40c.

Nymphae—Beautiful light pink. Fine, each 20c.

Pretoria—Dazzling vermillion with orange shading. Extra fine, each 20c.

Ruby—Deep vermillion centre shading to ruby-red at edge, each 30c.

CACTUS DAHLIA, Jealousy—A perfect clear yellow. Fine, each 30c.

Winsome—A fine creamy white of good size and perfect form, each 40c.

(Collection of above 14 Varieties, \$3.25.)

DOUBLE FLOWERING SHOW DAHLIAS.

Emily—Very large, rosy lavender with white markings.

Mrs. Gladstone—Delicate shell-pink shading to blush.

Red Hussar—Absolutely pure cardinal-red of perfect form.

Prince Bismarck—Rich deep purple.

Queen of Yellows—Best clear yellow.

Arabella—Pale primrose, shaded rose and lavender.

Stanley—Bright golden yellow tipped red.

Mrs. Dexter—Rich deep salmon, very fine.

John Walker—Best pure white.

Client—Deep velvety crimson.

Miss May Loomis—White suffused with delicate rose.

Thos. White—Deep velvety maroon.

Each 20c.; doz. \$2.00.

CHOICE DOUBLE POMPON DAHLIAS.

Catherine—Finest pure yellow.

Little Herman—Deep red, tipped white.

Le Petit Jean—Beautiful rich plum color.

Raphael—Deep maroon, of fine form.

Snowclad—Absolutely the finest white.

Sunshine—Vivid scarlet.

Each 20c.; doz. \$2.00.

DAHLIA, Single Twentieth Century—New. No Dahlia has ever created the sensation that this grand single variety has. The first blooms are rosy crimson tipped with white, with white band round disc. As season advances they become almost pure white suffused with soft pink, a wonderful blending of colors. Flower stems 3 feet, with perfectly formed blooms. A continuous bloomer. Strong plants, 50c. each.

MAGNOLIA, Alba Superba, Soulangea, Halleana, Stellata and Speciosa—In 10 in. pots at \$2 each.

Please note that Plants offered are Pot Grown and sure to Flower.

SEEDLING PLANTS

These are grown in hot-beds from choice seeds.

Antirrhinum, Aster, Balsam, Dianthus, Phlox Drummondii, Marigold, Pyrethrum, (Golden Feather) Ten Week Stock, Salpiglossis, Sweet Scabious, Zinnia, and all the Leading Annuals.

Price \$1.50 per 100. 25c. per doz.

Any other plants wanted we will quote on application, and when large quantities of Bedding Plants are required, we shall be pleased to give Specially Close Quotations. Please note this.

For Bedding Plants in pots see page 69.

Vegetable Plants

ASPARAGUS—2 years old... \$1.00 per 100

CABBAGE—In variety... 50 "

CAULIFLOWER... 1.00 "

CELERY—Transplanted... 1.00 "

Seedlings... 75 "

CUCUMBER... 25 per pot

EGG PLANT... 25 "

MONTREAL NUTMEG MELON... 25 "

TOMATO—Large transplanted plants, \$2.50 per 100; 40c. per dozen.

Seedlings... \$1.00 per 100

ROSES

Many varieties of flowers have attained their popularity in our own times, and the reputation of many more is but of yesterday. It is quite different, however, with the **Rose**, it has never gone out of fashion, but has reigned supreme from time immemorial, and continues to reign in the affection of the **Flower Lovers** of all nations, and still maintains its proud title of "**The Queen of Flowers.**"

Hardy Hybrid Perpetuals

2-year-old Plants which will bloom this Summer, but must be planted early to insure this. Special quotations for lots of 100 and upwards.

The following list includes all the best and hardiest varieties, 35c. each; per dozen \$4.

Alfred Colomb, bright crimson. **Anna de Diesbach**, carmine. **Baroness**, pure white. **Captain Christy**, rose. **Charles Lefebvre**, bright scarlet. **Crimson Moss**, **Duke of Edinburgh**, vermillion. **Fisher Holmes**, lively crimson. **Crested Moss**, bright rose. **John Hopper**, rosy crimson. **General Jacqueminot**, glowing scarlet. **Louis Van Houtte**, reddish scarlet. **Magna Charta**, bright pink with carmine. **Margaret Dickson**, pure white. **Mrs. John Laing**, soft pink. **Paul Neyron**, dark rose. **Perle des Blanchés**, white. **Persian Yellow**. **Pierre Notting**, violet red. **Prince Camille de Rohan**, fiery red. **Ulrich Brunner**, red cerise. **White Moss**, etc. **Provence** or (**Cabbage Rose**), white or red. **Celine Forestier**, **Baronne de Maynard**, **Eugenie Verdier**.

The Baby Rambler or "**Everblooming Dwarf Crimson Rambler**"—This is without doubt the most important addition to the list of Bedding roses. Similar to the **Crimson Rambler** in every respect, but instead of climbing the plants form dwarf compact bushes, not over 10 inches high. Is perfectly hardy and never attacked by disease on insects. As a forcing rose it outclasses the **Crimson Rambler**, and indoors will flower the year round. Strong heavy 2-year-old plants, 75c. each; good young plants in 2½ inch pots, each 35c.; doz. \$3.50.

Climbing and Pillar Roses

Most of these climbing roses can also be grown in bush form.

Persian Yellow, 40c.; **Rugosa Red**, 40c.; **Queen (Prairie Rose)**, 40c.; **Gem of Gems (Prairie Rose)**, 30c.; **Baltimore Belle**, 30c.

Crimson Rambler—3-year-old plants, 50c.; 1-year... 25

One of the best hardy climbing roses. The flowers come in immense trusses of a rich glowing crimson. Shoots grow 8 to 10 feet in a season, and either be pegged down or trained in any shape desired.

Yellow Rambler-Aglaiia—3-year-old plants 50c. each; one-year... 25
The yellow flowering only differs from **Crimson Rambler** in its color.

White Rambler-Thalia... 75
" " Smaller plants... 50

Produces great clusters of pure white blooms just as profusely as the **Crimson Rambler**, which it resembles in every respect, excepting color.

Empress of China—(Strong worked plants)... 40

A true ever-blooming hardy climbing rose that will make a growth of 10 to 12 feet in a season. Flowers are similar in color to apple blossoms.

Marechal Neil... \$2 to \$3 each

We are importing a stock of specially prepared extra strong plants of this fine variety, suitable for walls and rafters of conservatories, etc. Shoots 8 to 10 feet in length.

Tea or Monthly Roses

Collection which includes all the Best Varieties—

Each 15c.; per doz... \$1.50

Maman Cochet—Carmine colored and tinged with salmon-yellow. Strong plants, each 30c.; per doz... 3.00

Gloire de Dijon—Yellow, salmon shaded... 45

Marie Van Houette—Lemon, tinged with rose... 45

Clothilde Soupert... Per doz. \$2.50 25

Perfectly double, pearl-white, with rose-pink centre.



Hardy Perpetual Rose.

Sweet Briars

Lord Penzance—Fawn and ecru... 40
Lady Penzance—Soft copper tint... 40
The Old English Variety... 40



Hardy Flowering Shrubs do not receive the attention that their importance merits, for, in the embellishment of Flower Gardens, Lawns and Pleasure Grounds, they play a most important part in producing a pleasing effect by their variety of form, the beauty of their flowers and the different seasons at which they bloom. In many cases they are simply planted to fill up some odd corner, where nothing else will grow, whereas they deserve the most prominent positions and careful culture, and this they will repay a thousand fold. Prices are according to the size of the Plants.

Abies Pungens Glauca—One of the most beautiful and hardiest of all the Spruces. The foliage is rich blue or sage color and is of very dense growth. Suitable for Lawns or Tubs. Average 3 feet, \$3 each.

Berberis Communis—(Barberry), 25c. to 50c. each. Red berries.

“ **Communis Purpurea**—25c. to 50c. each. Dark purple leaves.

“ **Thunbergii**—30c. to 50c. each. Berries bright red. Leaves become scarlet in fall.

Calycanthus Floridus, or American Allspice—30c. to 50c. each. Sweet-scented.

Clethra Alnifolia, or Sweet Pepper Bush, 25c. to 50c. each. July to September.

Cydonia Japonica (Japan Quince)—30c. to 50c. each. Deep scarlet. Flowers in May, 3 feet.

Desmodium Penduliflorum—50c. to 75c. each. A profuse bloomer, with pretty rose colored flowers covering the bushes from August till frost comes.

Deutzia Gracilis—White; 25c. to 50c. each.

“ **Hybrida Lemoinei**—(New) 50c. each. Its pure white flowers are borne on stout branches of upright growth. Is a particularly free flowerer, far surpassing the older varieties in this respect.

Lilac—(White and many other colors assorted), 25c. to 50c. ea.

“ **Charles the 10th**—New; red. 75c. each.

“ **Marie Le Grange**—New; white. 75c. each. These latter two are the best Lilacs in cultivation for forcing; we can furnish strong dormant plants, well set with buds and ready for immediate use.

Hydrangea Paniculata Grandiflora—50c. to \$1 each.

The best of all late flowering shrubs. White, shaded pink. August to September. We also offer in standard form, with 3 feet stems and strong heads at \$1 each.

Hypericum Moserianum (St. Johns' Wort)—30c. to 50c. each. Orange-yellow blooms. Flowers in August.

Mock Orange (Philadelphus)—25c. to 50c. each. White flowers.

Prunus Pissardii—50c. and 75c. each; standard trees, 8 to 9 feet, \$2 each. Purple leaved Persian Plum. Leaves, when young, are lustrous crimson, changing to dark purple, retaining this beautiful tint till they drop.

“ **Triloba**—White. Standard form, 3 ft. stems, each 75c.

Spiraea Van Houttei—25c. to 50c. each. White.

“ **Anthony Waterer**—25c. to 50c. each.

See Hardy Perennial Plants for other varieties.

Staphylea Colchica—(Bladder-nut); 50c. each.

Fragrant white flowers, which hang from nodding panicles or racemes. Is hardy, but forces well when specially prepared for the purpose. Its peculiar fruit is the source of the common name, Bladder-nut.

Viburnum Opulus—(Snowball); 25c. to 50c. each. White. Blooms in May.

“ **Plicatum**—(Japan Snowball); 30c. to 50c. White.

Weigelia of Sorts—25c. to 50c. each.

Flowers are rosy-white. June-July.

“ **Hybrida Eva Rathka**—New. 50c. to 75c. each. The blooms of this new variety are brilliant crimson.

Special quotations to large buyers.



Hardy Climbing Plants

Climbers should be more used than they are. They are capable, not only of transforming many an unsightly structure into a thing of beauty, by covering it with a mass of beautiful foliage and flowers, but such varieties as *Ampelopsis*, *Clematis*, etc., beautify the finest mansions and villas. We strongly recommend them all.

AMPELOPSIS, Veitchii (or Boston Ivy)—25c., 50c., 75c. each; \$2.50, \$5.00, \$8.00 per doz., according to size. Special prices per 100 to large buyers.

One of the most ornamental climbers, clinging to the smoothest wall.

Quinquifolia—(Virginia Creeper)—25c. each; \$2.50 per dozen.

ACTINIDIA, Polygama—Strong plants... each \$1.00

A climber, of rare beauty. Flowers, which appear about the end of June, are creamy white, with the perfume of the Lily of the Valley. Beautiful foliage and berries. Remarkably free from insects. Is a rapid grower.

ARISTOLOCHIA, Sipo—(Or Dutchman's Pipe). 25c., 40c., 75c. each; \$2.50, \$4, \$8 per doz., according to size of plants.

CLEMATIS, Jackmanii—And many other large-flowering varieties. According to size, 50c. to \$1 each.

Paniculata—25c. to 50c. each, according to size.

HONEYSUCKLE—Of sorts. 25c. each; \$2.50 per dozen.

Scarlet Trumpet—50c. to 75c. each.

One of the handsomest varieties in cultivation, and a strong and rapid grower.

True Dutch Fragrant—50c. to 75c. each.

Blooms all summer and is very fragrant.

Hardy Perennial Plants—For Spring Planting.

The following list of Perennials will be found on examination to comprise all the best known varieties. At pages 61 to 69 of this Catalogue will be found a particularly complete list of **HARDY PERENNIAL FLOWER SEEDS**, to which please refer. The remarks we make there, referring to the great worth of Hardy Herbaceous plants, and the particulars regarding the many sorts enumerated, need not be repeated here, but in cases where intending purchasers are unacquainted with varieties, some information will be obtained by noting the description in the seed list at pages 61 to 69.

We have in stock many varieties besides these enumerated below, so that intending purchasers can order almost any of the old favorites, and most of the new sorts, and have their orders executed. Most of these Perennials may be raised from seed and will flower generally the second year.

We make the following offer for large orders:

100 plants in 50 Varieties,
purchasers' selection

from our list \$12.50

100 plants in 50 Varieties,
our own selection

from our list \$10.00

Please note that the above special prices do not include Nos. 13, 40, 49, 54, 68, 71, 78, 82, 94, 119, 132, 145, 146, 148, 149, 150.

PRICES ARE DELIVERED MONTREAL ONLY.

Prices each cts.

- | | |
|--|----|
| 1. <i>Achillea Ptarmica</i> —Fl. pl., "The Pearl," 2 feet. | 15 |
| 2. <i>Aconitum Napellus</i> —Monk's Hood. | 20 |
| 3. <i>Adlumia Cirrhosa</i> —Hardy climber. | 20 |

Prices each cts.

- | | |
|--|----|
| 4. <i>Adonis Vernalis</i> —1 foot. | 15 |
| 5. <i>Agrostemma Coronaria</i> —1 foot | 15 |
| 6. <i>Alyssum Saxatile</i> —"Gold Dust," 1 foot. | 15 |



Prices each cts.

7. **Anthemis Kelwayi**—Yellow, 2½ feet. 25
 8. " **Tinctoria**—Yellow, daisy-like flowers. . . 15
 9. **Aquilegia Hybrida**—(Columbine), assorted colors, 3 feet. 20
 10. **Anchusa Italica**—Beautiful blue flowers, 2 ft. . . 20
 11. **Anemone Japonica**. 20
 12. " **Alba**. 20
 13. " **Queen Charlotte**. 30
 The latter is an entirely distinct Anemone. Is an extremely free flowerer, and the blooms are semi-double, of a bright pink, and the flower stems 1 foot in length.
 14. **Arabis Albida**—8 inches (Double 25c), single. . . 15
 15. " **Variegata**—8 inches. 20
 16. **Armeria**—Of sorts. 20
 17. **Aster Alpinus**—Purple, 9 inches. 25
 18. " **Bessarabicus**—2 feet, purple and orange. . . 25
 19. " **Horizontalis**—Red and white. 20
 20. " **Grandiflora**—2 feet. 20
 21. **Astragalus Alopécuroides**—Yellow, 3 feet . . . 15
 22. **Baptisia**—In variety. 20
 23. **Bellis Perennis**—"English Daisy" 15
 24. **Bocconia Japonica**—A stately plant, creamy colored flowers, 7 feet. 20
 25. **Bupthalmum Cordifolium**—Yellow, 2 feet, May-June. 15
 26. **Callirhoe Verticillata**—1 foot, crimson. 20
 27. " **Lineariloba**—Trailing, lilac striped . . . 20
 28. **Campanula Carpatia**—Blue Bells. 15
 29. " **Alba**. 20
 30. " **Glomerata Dahurica**. 20
 31. " **Persicifolia**—2 feet, blue. 20
 32. " **Alba**—2 feet, white. 20
 33. " **Grandiflora**—4 feet, assorted colors. . . 20
 34. " **Medium**—"Canterbury Bells" in great variety. 15
 35. **Caryopteris Mastacanthus**—Blue, 5 feet . . . 20
 36. **Commellina Celestis**—Blue, May. 15
 37. **Catananche Bicolor**—2 feet. 25
 38. **Centaurea Ruthenica**—2 feet, yellow. 25
 39. **Cerastium Tomentosum**—6 ins. Silvery foliage. . 15
 40. **Clematis**—Many beautiful varieties. \$1.00
 41. **Convallaria Majalis**—"Lily of the Valley" clumps. 15
 42. **Carnation**—Hardy border sorts. 20
 43. **Chrysanthemum Maximum Filiforme**—2 feet, white, also **Triumph** and **Uliginosum**. 20
 44. **Coreopsis Lanceolata**—Yellow, 2½ feet . . . 15
 45. " **Grandiflora**—2½ feet. 15
 46. **Delphinium Formosum**—Blue, 4 feet. 15
 47. " **Hybridum**—Blue and white, 4 feet. . . 15
 48. " **Nudicaule**—Red, 18 inches. 25
 49. " **Zalil (Sulphureus)**—3 feet. 50
 D. Zalil is a grand acquisition and entirely distinct in habit and color. It produces long loose spikes of beautiful blooms, clear yellow in color; strikingly handsome in habit.
 50. **Dianthus Barbatius**—"Sweet William" in variety . 15
 51. **Digitalis Spectabilis**—"Bleeding Heart" . . . 20
 52. **Digitalis Purpurea** and **Alba**—3 feet. 15
 53. **Doronicum Plantagineum**—Yellow, 2 feet. . . . 20
 54. **Echinacea Purpurea**—(Rudbeckia), 4 feet. . . 30
 55. **Echinops Ritro**—Blue, 4 feet. 20
 56. **Epilobium Hirsutum**—New. Rose, 4 feet. . . . 30
 57. **Erigeron Pulchella**. 25
 58. " **Hybridus Roseus**—1 foot. 25
 59. **Erysimum Pulchellum**—6 inches, yellow. . . . 15
 60. **Eryngium Planum**—4 feet, blue. 25
 61. **Eupatorium Fraseri**—3 feet, white. 25
 62. **Felicia Abyssinica**—1 foot 20
 63. **Fernla Gigantea**—6 feet. 25
 64. **Fragaria Indica**—Trailing habit, yellow. . . . 25
 65. **Fraxinella**—Of sorts, 1½ feet. 20
 66. **Funkia Cordata**. 20
 67. " **Grandiflora**. 20
 68. " **Undulata Variegata** 40
 69. **Galega Officinalis**—4 feet, lilac. 20
 70. **Gaillardia Grandiflora, Hybrids**. 15

Prices each cts.

71. **Gentiana Acaulis**—6 inches, blue. 25
 72. **Geum Coccineum**—1½ feet, scarlet. 20
 73. **Gypsophila Paniculata**—3 feet, white. 15
 74. " **Stevenii**—2 feet, white. 20
 75. **Helianthus Multiflorus**. 15
 76. " **"Soleil d'Or"**. 15
 77. **Hypericum Elegans**—Yellow, 1 foot. 20
 78. **Helleborus Niger**—(Christmas Rose) 40
 79. **Hepatica**—Of sorts. 15
 80. **Hemerocallis Flava**—Day Lily. 20
 81. " **Fulva**— 15
 82. " **Gigantea Aurantiaca**. 40
 The latter is the most beautiful of all the Day Lilies.
 Orange yellow, 2 feet.
 83. **Helenium Augustifolium**—3 feet, yellow. . . . 20
 84. " **Hoopesii**—6 feet, yellow 20
 85. **Heliopsis Scabra**—4 feet, yellow. 20
 86. **Heuchera Sanguinea**—1½ feet, scarlet. 20
 87. " **Alba**—1½ feet, white. 25
 88. **Hesperis Matronalis**—Sweet Rocket 15
 89. **Hieraceum Aurantiacum**—8 inches. 15
 90. **Hollyhock**—Extra fine seedlings. 25
 91. **Hyacinthus Candicans**—3 feet, white. 20
 92. **Iberis Sempervirens**—1 foot, white. 15
 93. **Inula Grandiflora Glandulosa**—Yellow. 30
 94. **Iris K mpferii**—(Japanese Iris). The most beautiful of all the Iris. 35
 95. " **German**—Of sorts. 25
 96. " Many other varieties. 25
 97. **Kuhnia Euparoides**—Cream color, 1 foot. . . . 20
 98. **Lathyrus Latifolius**—Perennial Pea. 25
 99. **Leucanthemum Maximum**—3 feet, white . . . 25
 100. **Lobelia Cardinalis**—3 feet, scarlet. 20
 101. **Lindelofia Spectabilis**—Purple, 1½ feet. . . . 15
 102. **Lupinus**—Perennial varieties, 2½ feet. 15
 103. **Lychnis Flos Cuculi**—Double everblooming Lychnis, 1 foot, rose. 25
 104. " **Chalcedonica**—Assorted, 3 feet. 20
 105. " **Haageana**—1 foot, assorted. 20
 106. **Lythrum Roseum Superbum**—4 feet, rose . . . 25
 107. **Liatris Spicata**—Reddish purple, 2 feet. 15
 108. **Linaria Hendersonii**—1½ feet. 15
 109. **Monarda Didyma**—(Horse Mint), 3 feet, scarlet. 20
 110. **Monbretia**—3 feet, orange-scarlet 25
 111. **Myosotis**—Of sorts "Forget-me-not" 15
 112. **Malva Moschata**—(Mallow), 2 feet, pink . . . 15
 113. " **Alba**—2 feet, white. 15
 114. **Morina Elegans Longifolia**—3 feet, rose. . . . 25
 115. **Oenothera Fraseri**—1 foot, yellow 20
 116. **Ononis Rotundifolia**—15 inches, red. 25
 117. **Orobis Vernus**—(Bitter Vetch), 1 foot. 20
 118. **Pansy**—A fine collection, \$1 per dozen. 15
 119. **Peony**—Assorted varieties. 35
 We also offer the following selection of named varieties: **Agida**, rich glowing dark red; **Argus**, light soft pink; **Delacheii**, extra fine dark crimson; **Formosa**, **Festiva Maxima**, fine large pure white; **Grandiflora Rubra**, rich red; **Louis Van Houette**, **Queen Victoria**, pure white; **Psyche**, outer petals rose, creamy-sulphur centre; **Rosea Superba**, rosy-pink, extra large.
 We offer these choice varieties at 50c. each, or the whole collection of 10 for \$4.
 Tree Varieties—The two new varieties **Banksii** and **Moutan** at \$1.50 each.
 120. **Phytolacca Decandra**—White, long spikes. . . 20
 121. **Polygonum Multiflorum**—White, 2 feet. . . . 20
 122. **Poppy Iceland**—Different colors, 1 foot. . . . 20
 123. " **Oriental**—Different colors, 2½ feet . . . 30
 124. **Potentilla Hybrida**—Of sorts, 2 feet. 30
 125. **Phlox Decussata**—Assorted varieties 20
 The great and increasing popularity of the Perennial Phlox has induced us to import and offer for sale a choice selection of the best named varieties: **Bacchante**, dark crimson; **Beranger**, white suffused with pink, rosy-lilac eye; **Bridesmaid**, pure

PHLOX—CONTINUED.

Price each cts.

white, crimson eye; **Coquelicot**, pure scarlet deep carmine eye; **Etna**, scarlet, dark crimson eye **Jeanne d'Arc**, late pure white; **Jocelyn**, dwarf, bright salmon-red; **LaNuit**, crimson-purple; **Matador**, orange-scarlet, cherry-red eye; **Michael Cervantes**, pure white, bright red eye; **Otto Thacker**, dwarf, rosy-crimson; **Obergartner**, magenta, red eye; **Thebaide**, dwarf, salmon-red, crimson eye; **Wittig**, bright magenta, scarlet eye. All at 25c. each, or \$2.50 per dozen.

- | | | |
|------|---|----|
| 126. | Primula Vulgaris —(English Primrose) | 20 |
| 127. | " Japonica —Beautiful hardy variety.... | 20 |
| 128. | " Auricula —Many fine varieties.. .. . | 20 |
| 129. | " Polyanthus —Of varieties.. .. . | 20 |
| 130. | " Cashmeriana —Lilac.. .. . | 25 |
| 131. | " New Hardy Large Flowering —Beautiful and varied colors.. .. . | 20 |
| 132. | " New Hardy Giant Primrose , "Harry Mitchell."—Is an entirely new species of Primrose, producing large trusses of pure yellow blooms 5 inches in diameter, and it flowers early in Spring; 9 to 12 inches.. .. . | 20 |
| 133. | Pyrethrum Uliginosum —4 feet, white.. .. . | 20 |
| 134. | " Of Sorts —Beautiful single flowers. .. | 20 |
| 135. | Rudbeckia —(Golden Glow), 6 feet, yellow.. .. . | 25 |

Prices each cts.

- | | | |
|------|--|----|
| 136. | Rudbeckia Newmanii —3 feet.. .. . | 25 |
| 137. | Salvia Argentea —2 feet, silvery foliage | 20 |
| 138. | Scabiosa Caucasica —3 feet, lilac.. .. . | 20 |
| 139. | Statice Lemonium —2 feet, blue.. .. . | 20 |
| 140. | " In varieties.. .. . | 20 |
| 141. | Sedum Aizoon —1 foot, yellow.. .. . | 20 |
| 142. | Sidalcea Candida —3 feet, white.. .. . | 25 |
| 143. | Spergula, Pelifera Aurea —Dense carpet of golden yellow.. .. . | 20 |
| 144. | Spirea Aruncus —4 feet, white.. .. . | 25 |
| 145. | " Astilboides —2 feet, white.. .. . | 40 |
| 146. | " Filipendula —2 feet, white.. .. . | 25 |
| 147. | " Japonica —1½ feet, white.. .. . | 25 |
| 148. | " Compacta —1½ feet, white | 25 |
| 149. | " " Variegata | 40 |
| 150. | " Palmata —Beautiful rose flower | 25 |
| 151. | Thalictrum Adiantifolium —3 feet, fern-like foliage, white.. .. . | 20 |
| 152. | Tradescantia Virginica —2 feet, purple.. .. . | 20 |
| 153. | Valeriana Officinalis —4 feet, lavender.. .. . | 20 |
| 154. | Veronica Spicata —1 foot, white.. .. . | 15 |
| 155. | " Mixed Varieties —2 feet, July-August.. .. . | 15 |
| 156. | Vinca Minor —(Periwinkle).. .. . | 15 |
| 157. | Wahlenbergia Duplex —1 foot, white | 20 |

Fruit Trees and Small Fruits

Apples

We are in a position to supply Apple Trees grown in the Province of Quebec, of the varieties best suited to our climate, of splendid clean growth, and taken up with the greatest care.

Special Prices per 100 to Large Buyers.

Summer Varieties—Tetofsky, Yellow Transparent, Red Astrachan.

Fall Varieties—Duchess of Oldenburg, Peach of Montreal, Brockville Beauty, St. Lawrence, Alexander, Switzer, John Richardson, Wolf River.

Winter Varieties—Fameuse, Wealthy, Winter St. Lawrence, McIntosh Red, Late Strawberry, Pewaukee, Canada Baldwin, Golden Russet, Scott's Winter, Canada Red. Any of the above Varieties \$4.50 in doz. lots; 40c. each.

Crab Apples—40c. each.

Transcendant, Whitney's No. 20, Montreal Beauty, Gibb. We particularly call the attention of fruit growers to the following specially valuable sorts of apples. They are all hardy, handsome in appearance, and of merit in every way.

Cox's Orange Pippin—Regarded in England as the finest apple for cooking or dessert. Medium size, crisp and juicy. Bright red on sunny side, with yellow and russet patches. 75c. each.

Bismarck—75c. each.

A fall apple. It is large, highly colored, an abundant bearer, and quite hardy. Commences to bear early. Is one of the good new things that has come to stay.

Ontario—A new sort that ranks high among commercial varieties. Is an early and abundant bearer (sometimes fruiting in the nursery row), of large size and a good keeper, 60c. each.

Dwarf or Pyramid Apples

GROWN ON PARADISE STOCKS.

To many of our customers whose gardens are small, and therefore unsuited for Standard or tall Trees, these Pyramid Varieties will be a great boon. They can either be planted out or grown in pots or tubs. Price, 60c. each, excepting Bismarck which is 50c. each.

Bramley (Cooking), **Blenheim Orange (Dessert or Cooking)**, **Tom Potts (Dessert or Cooking)**, **Bismarck (Cooking)**.

Plums

Each.

Blue and Yellow.. .. . 50

English Damson—This is the old English variety, medium size, blue in color and the best preserving plum.. .. 60

Climax—The best sort Mr. Burbank has yet introduced. A strong grower, fruit as large as an ordinary peach, dark red and of fine quality. Ripens in September.. .. 60

Prince of Wales—An excellent purplish red early variety. Is a sure bearer.. .. . 75

Victoria—Fruit of the largest size, fine quality and purplish red color. A heavy cropper.. .. . 60

Abundance—A new Japanese variety. Fruit large, tender, sweet and early; when ripe is of a cherry colour.. .. 60

Burbank—Another hardy Japanese variety, producing large cherry-colored fruit of a peculiar agreeable flavor. Of vigorous growth and very early 60

October Purple—A large light bluish purple sort, and a great bearer.. .. . 75

Green Gage—An English sort that should be in every collection. Bears heavy crops and is a most luscious and deliciously flavored, yellow-colored plum.. .. 60

PEARS, The Leading Hardy Sorts, 50c. each, and we also take pleasure in offering **The Idaho**, a very promising New Variety of large size, greatly resembling the Bartlett, but of much more vigorous growth, and hardier. It is very prolific and of splendid quality.. .. . 75

Cherries—The leading hardy sorts.. .. . 50

" **Morello**—(English Preserving variety). Nearly black, juicy, acid, rich. Imported trees.. .. . 85

Mulberry Russian—Perfectly hardy, 4 to 5 ft. plants.. .. 50

Grapes—Hardy varieties: including Agawam, Concord, Hartford, Barry, Champion, Lindley, Niagara, Wilder, Delaware, Merrimac, and many other sorts; all at 30c. each; or \$3 per dozen.

Raspberries—Best varieties; 75c. per dozen.

The New Black Raspberry, **Cumberland**. It is perfectly hardy, the fruit of finest quality, of immense size and very productive. Is well worthy of the most extensive cultivation. 20c. each; \$2 per dozen.

Blackberries—Best varieties; \$1 per dozen.

Currants—Red, white and black. We offer all the best varieties in these at \$1.25 per dozen.

Gooseberries—Of sorts; \$2 per doz. And we also offer the new Gooseberry, "**Industrey**," which the best variety now known. It is a heavy cropper, succeeds in all localities, free from mildew, and produces handsome, red berries; 25c. each; \$2.50 per dozen.

Strawberries—The best varieties, including Gandy, Parker Earle, Dominion, Sharples, Manchester, Capt. Jack, Wilson, Crescent, and all the other new and best sorts, \$1.50 per 100 all round.

We also offer the following new European variety; the "**St. Joseph ever-bearing**." The berries are oval in shape, rather pointed, and of a pale red color, and the flavor pleasant. Is a strong grower and very hardy, and may be said to bear **monthly crops**. Price, \$3 per 100.

Fertilizers

To enrich soil and maintain its fertility, the economy of ploughing down nitrogen gathering plants, and more especially **Red Clover**, is now fully acknowledged. This is one point that the Chemist and the practical Farmer are entirely agreed on. We would advise our customers, if they have not it already, to at once write to Professor Saunders, Central Experimental Farm, Ottawa, for the Bulletin on this subject. The results obtained from the experiments made are so plain that Farmers should sow Red Clover Seed with every bushel of their grain, to be eaten off in the Fall, if they have the cattle, but anyway ploughed down then. Nitrogen, though important, is not everything, however, and one of the means that should be used in order to get the greatest profit from green manuring is to give the land before ploughing down the clover, a good dressing of **Thomas Phosphate Powder**, say 400 to 600 lbs. per acre, according to the crop intended to be grown. The addition of **Phosphoric Acid** to the nitrogen will work wonders. There is no doubt but that this system will pay in Canada just as well as it does in Europe, where it is common practice. However poor and run down any land may be, if it will only grow Red Clover, it can be quickly and economically brought to a condition capable of producing paying crops.

ALBERTS' THOMAS PHOSPHATE POWDER—Has been proved by carefully conducted and numerous experiments in comparison with other makes of artificial manures, taking its price into account, to be by far the most profitable in its application to **Roots, Corn, Grain, Hay or Pasture**. Its lasting effect is one of its greatest advantages over other manures, and it is claimed by many who have used it extensively, even over Barn Yard Manure, and its merits for top dressing **Lawns, Hay or Pasture** lands are remarkable. We ask all our customers to give it a trial, and, if they do, are convinced they will find great profit in the using of it. As a top dressing for **Fruit Trees or Small Fruits** it has produced most satisfactory results. There is another important point, viz., that crops produced by Thomas Phosphate Powder have a very much higher feeding value compared with those grown from other manures. In experiments made in feeding sheep and cattle on pasture and hay which had been treated with Thomas Phosphate Powder, as much as 18 to 20 per cent. of albuminoids, or flesh formers, in comparison with barn yard or other artificial manures, were obtained in favor of the Thomas Phosphate Powder. Please note this, because there will be the same result with all crops. We have not space here to give full particulars of the many advantages of the **Alberts' Thomas Phosphate Powder**, but on application we shall mail, free, an exhaustive pamphlet in reference to it. **\$25.00 per ton. Prices by the Carload on application.**

Freeman's Sure Growth Manure—Per 100 lbs. \$2; per ton \$35.

(For grass, grain and vegetables). An excellent general fertilizer. Ammonia, $3\frac{1}{2}$ to 5 p.c.; Phosphoric Acid, 8 to 10 p.c.; Potash (actual), 3 to 4 p.c.

Freeman's Potato Manure—Per 100 lbs. \$2.50; per ton \$33. Ammonia, 3 to 4 p.c.; Phosphoric Acid, 8 to 10 p.c.; Potash (actual), 5 to 7 per cent.

Freeman's Bone and Potash Manure—Per 100 lbs. \$2.50; per ton \$33.

Ammonia, 2 to 3 per cent.; Phosphoric Acid, 9 to 10 p.c.; Potash (actual), 6 to 8 p.c. Special Orchard Manure.

Freeman's Celery and Early Vegetable Manure—Per 100 lbs. \$3; per ton \$47.50.

Ammonia, 6 to 8 p.c.; Phosphoric Acid, 9 to 10 p.c.; Potash (actual), 6 to 8 per cent.

Freeman's Tankage Manure—Per 100 lbs. \$2; per ton \$35. Ammonia, 5 to 7 p.c.; Phosphoric Acid, 12 to 15 p.c.

Sulphate of Ammonia—10c. per lb. Splendid plant fertilizer.

Nitrate of Soda—5c. per lb.; \$3.50 per 100 lbs. Price per ton on application.

Kainit—3c. per lb.; \$1.75 per 100 lbs. Price per ton on application.

Muriate of Potash—5c. per lb.; \$3.50 per 100 lbs.

Peruvian Guano—5c. per lb.; \$3.50 per 100 lbs.

Land Plaster—Per bag of 200 lbs., \$1.00.

Bone Flour—100 lbs., \$3.50; 10 lbs. 50c.; 5 lbs. 30c. The pure flour of ground green bones. Is a valuable fertilizer and stimulant for Roses, Chrysanthemums, and all pot plants.

Bone Meal—100 lbs., \$3.25; 10 lbs., 40c.; 5 lbs., 25c.

Crushed Bones—100 lbs., \$3; 10 lbs., 40c.; 5 lbs. 25c. Special quotations for large quantities.

Alberts' Concentrated Horticultural Manure—1 lb. tins, 25c.; 10 lbs., \$1.50; 25 lbs., \$3.00.

It is the only Horticultural Fertilizer guaranteed free from Sulphuric Acid Chlorine, Gypsum, or other deleterious Acids, and that is soluble in water. Much used by Florists and Gardeners, and we have certificates from many prominent Horticulturists in its favor.

Clay's Special Horticultural Manure—lb., 15c.; 25 lbs., \$2.75. This highly concentrated Manure or plant food is composed of the richest ingredients, and contains all elements which enter into the composition of plants in such proportions as are necessary for luxurious vegetation and is equally valuable for Window, Conservatory or Garden Culture. Use for Potting 1 part to 80 of mould, for top-dressing a teaspoonful to a 5 inch pot, for vegetables 2 oz. to the square yard. If applied as a liquid use about an ounce to the gallon.

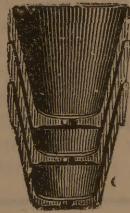
Standen's Horticultural Manure—Particularly popular with English Florists. Apply same as Clay's, to which many think it is superior. We confidently recommend it. lb. 15c.; 25 lbs. \$3.

Jadoo Fibre—Per 100 lbs., \$4; per lb., 5c. Used as a substitute for potting earth or mixed with it in equal quantities. For pot plants, flowers in the open ground or vegetables, it is used most successfully.

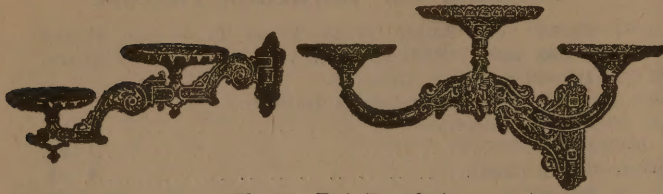
Jadoo Liquid—Per pint bottle, 25c. Recommended as a stimulant for plants growing in Jadoo Fibre, but is equally valuable as a fertilizer for plants growing in earth. 1 pint to 6 gallons of water.

PAT. APPLIED FOR

Garden and Greenhouse Supplies and Sundries



Standard Flower Pots.



Flower Pot Brackets.



Scollay's Rubber Sprays, \$1.25, \$1.00 and

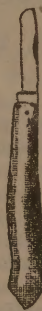
75c.



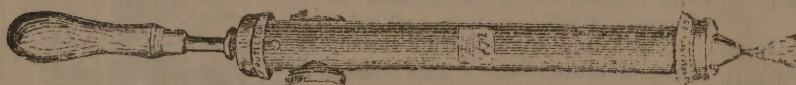
Scollay's Improved



Hedging



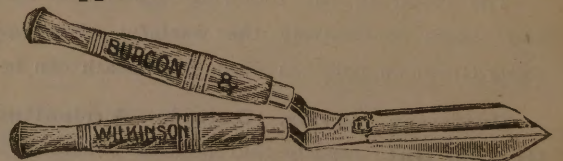
Glove. English Budding Knives. English Pruning Knives



"Protector," Brass Syringe.



The "Standard" Angle Trowel.



Grass Shears.



Steel Garden Trowel.

STANDARD FLOWER POTS.

We pack carefully so can make no allowance for breakage. Packing charged extra for shipping out of city.

1 1/4 inch.	Per 100.	.60	Per doz.	\$.08
2 "	"	.70	"	.10
2 1/2 "	"	.80	"	.12
3 "	"	1.00	"	.15
4 "	"	1.50	"	.25
5 "	"	2.60	"	.35
6 "	"	4.25	"	.60
7 "	"	7.00	"	.90
8 "	"	12.50	"	1.60
9 "	"	"	"	2.25
10 "	"	"	"	30c. each.
12 "	"	"	"	65c. "
14 "	"	"	"	\$1.00 "

Saucers charged extra, from 15c. doz. up.

	Inch.	Inch.	Inch.	Inch.	Inch.
Half Pots, for Ferns..	5	6	7	8	10
Per doz..	35	60	90	\$1.40	\$2.00
		Inch.	Inch.	Inch.	Inch.
Straight Fern Pots (without rim)..	5	6	7	8	
Per doz..	60	90	\$1.25	\$1.75	

Hanging baskets, 30c. each.

Wire hanging baskets, from 15c. to 50c. each.

To Florists and those buying in large quantities we shall be pleased to give special quotations.

Atomizers—Scollay's Rubber Sprays, \$1.25, \$1.00 and 75c. each.

Angle Neck, \$1.25 each.

Sec Spray Pumps, under Spraying Appliances, pages 88 to 91.

Each cts.

Brackets—1 Pot Bracket..	20
1 " " 7 1/2 in. arm..	25
1 " " 5 1/2 in. shelf..	35
2 " " 12 in arm ..	.65c. and 75
3 " " 3 arms, small ..	\$1.25
3 " " large..	1.60

Bamboo Stakes—Chinese, 4 feet long. Fine, heavy and medium. Per 100, \$1.50; per doz., 25c.; 7 feet, per 100, \$2.50; per doz., 40c.

Bill, Hooks—Extra strong steel; \$1.15 to \$1.25.

Bill, Hedge—Dunse pattern, handled; \$1.50.

Corn and Tobacco Hook—A convenient and expeditious tool for cutting ensilage corn, tobacco, etc., 45c. each.

Daisy, Grubbers—75c. each.

Dibbles, Shod—40c. each.

Dutch, Hoes—4 ins. 40c.; 5 ins., 45c., 6 ins., 55c.; 7 ins., 60c.; 8 ins., 65.; 9 ins., 75c.; 10 ins., 85c. each.

Forks, Digging—English, \$1.50 to \$2 each; Canadian, \$1 each.

English border digging, 3 prong; a handy light tool, \$1.25 each.

Illustration, page 81.

Manure—\$1 to \$1.25 each.

Hay—40c. to \$1 each.

Florist's Wire—Gauge No. 22, per lb. 20

" 24, " 25

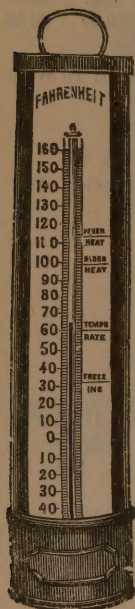
" 26, " 25

" Nippers—50c. each.

Thermometers

Price each cts.

- 8 inch **Japanned Tin Thermometer** 20
- 10 " **Japanned Tin Thermometer** 25
- 7 " **Flange Dairy Thermometer** 25
- 7 " **Floating Dairy Thermometer** 25
- 12 " **Standard Thermometer** \$1.25
(A fine instrument).
- 8 " **Copper Thermometer** .. 1.00
Well suited for greenhouse work.
- 10 " **Standard Cabinet Thermometer** 1.00
Polished Oak.
- Hotbed Thermometer** 1.00
A most useful instrument to gauge bottom heat.
- Standard Hotbed Thermometer** 2.25
A substantial instrument, on hard wood and solid brass.
- Minimum Registering Thermometer** 2.00
An essential instrument in every greenhouse.
- Maximum and Minimum Registering Thermometer** 3.00
A correct, substantial and ornamental instrument.

Thermometer
25c. each.

Hot-Bed Thermometer.

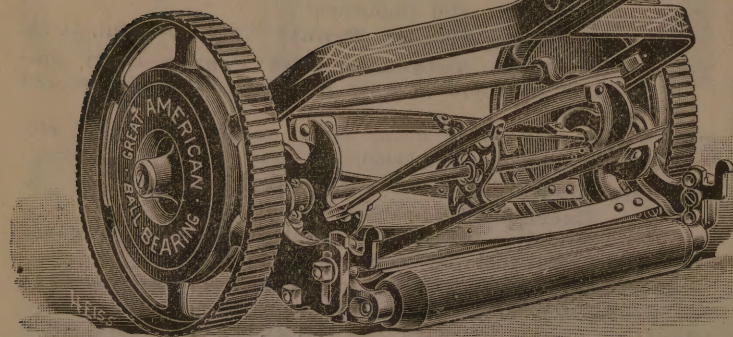


Floating Dairy Thermometer.

The Great American Self-Sharpening Ball-Bearing Lawn Mower

No Bicycle was ever built possessed of an adjustment of greater nicety than the ball bearings of this superior Lawn Mower. It has been tested, tried and improved for two years before placing on the market. The highest grade steel balls of unvarying exactness are used in absolutely dust-proof steel covered cups. It is equipped with self-sharpening, upturned dead knife of solid cast steel, which can be regulated to cut from $\frac{3}{8}$ to $1\frac{1}{8}$ inches from the ground.

15 inch	.. . . .	\$13.00
17 "	.. . . .	14.00
19 "	.. . . .	15.00



The Great American.

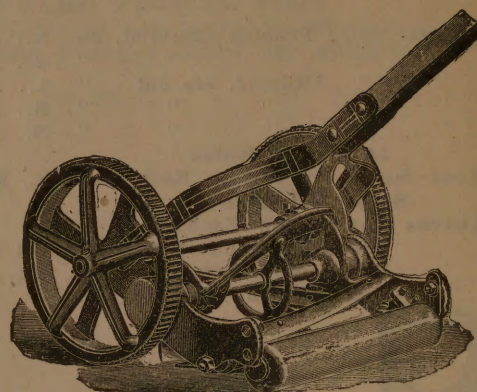
Townsend Spider Ball-Bearing Lawn Mower

This machine is carefully and well made in every way.

14 inch..	.. \$ 8.50
16 "	.. 9.50
18 "	.. 11.00
20 "	.. 12.00

Grass Catchers

These are made of heavy duck with galvanized iron bottom that will not sag nor drag on the ground when filled; and will fit any mower, \$2 each.



Townsend Spider.

The "Woodyatt" Lawn Mower

Light! Efficient! Durable!

PRICES.

12 inch..	.. . . .	\$5.50
14 "	.. . . .	6.00
16 "	.. . . .	6.50
18 "	.. . . .	7.00
20 "	.. . . .	7.50

The "Star" Lawn Mower

A light, easy running machine for a small Lawn.

PRICES.

12 inch..	.. . . .	\$3.90
14 "	.. . . .	4.25
16 "	.. . . .	4.50

and many other makes.



The "Woodyatt."

High Wheel.
Encased Gearing.
Four Blade Cylinder.
Cast Steel Knives, and
Oil Tempered.

Garden Rollers—Strong, Substantial and Durable.

No. 1, 24 inches wide, weight 235 lbs. each \$13.50
 No. 2, 36 inches wide, weight 349 lbs. " 18.00

Grass Edging Shears—Short handles, \$1 to \$1.75 each, 8 to 10 inch blades. Long handles, \$2 to \$3 each. Long handle, flat blades, \$2.50 to \$3.

Grass Hooks—Fox's Imported, No. 2.. . . . each 50
 " " " " No. 3.. . . . " 60
 " " " " No. 4.. . . . " 70
 " " Canadian make.. . . . each 30c. and 40

Edging Knives—Crescent pattern.. . . . each 90c. and 1.25

Verge or Sheep Shears—Trowel Shank and Crank patterns.. . . . \$1 to 1.25

"Planet Jr.," New Grass Edger, Price \$4.00.

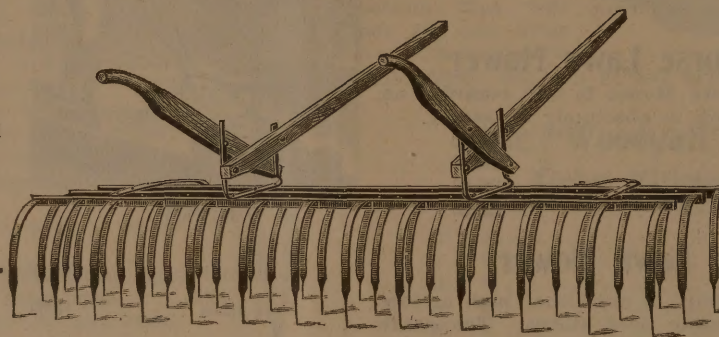
LAWN SPRINKLER—The "Peerless"—Three arm lawn sprinkler.. . . . \$1.75 and 2.25

Hose Mender—Little Wonder—5c. each; 50c. per doz.

The Hallock Flat Tooth Cultivator and Weeder

Will weed and cultivate as fast as a horse can trot! Will work two acres an hour, 20 in a day.

Frame of Angle Iron.



Solid steel teeth, bolted on separately, but removable at will, and thus is useful for every field crop that grows. The greatest time saving implement.

Is the greatest labor-saving Implement introduced in years, for the destruction of weeds, without damaging growing crops, and the thorough tillage given, leaves the land as if a hand steel toothed rake had been used! No crust is allowed to form, so maximum crops are obtained. Only weed seeds that are near the surface grow **The Hallock turns up none, but kills all as they germinate.** Deep cultivation damages the roots and retards the growth of growing crops, without killing the small weeds. **The Hallock Weeder** cultivates from one to two or three inches in depth, in the latter case a log put cross-ways on the Weeder, is necessary. **It entirely saves the great cost of hand-hoeing on Potatoes, Corn, Onions, and all kinds of root crops and does the work better.** On grain crops it kills the sprouted weed seeds, and greatly increases the crop by breaking the crust. For covering grass and clover seeds, no Implement can compare with it, as it buries the seed the proper depth and leaves the ground as smooth and even as a flower bed. Remember that the oftener it is used, the better are the results. Cultivate twice after planting or sowing, and before crops show, and afterwards once a week, but twice is better. It will cultivate 20 acres per day. Teeth are removeable. Removing one tooth leaves a 4 inch space over row and removing 2, gives 6 inches. Corn can be worked till 3 feet high and potatoes till meeting in the drill.

PRICES.

Hallock Weeder and Cultivator, 7½ foot walking \$11.00
 " " " 9 " " 17.00
 " " " 12 " " 23.00

Sulky attachments to either of above sizes.. . . each. 13.00

Dear Sirs:—The undersigned take pleasure in certifying to the outstanding merits of **The Hallock Cultivator and**

Weeder in cultivation and weeding, in a most thorough manner and quickly, almost all kinds of crops. We were afraid it might do damage to such crops as **Onions, Carrots, Beets, etc.**, but on the contrary it made a perfect job, and the cost of working was so much reduced as to make the growing of such crops very profitable. On **Potatoes and Corn, etc.**, its work is all that the most particular farmer can desire, and on account of the speed at which the ground is gone over working expenses are reduced to a minimum. On grain crops it will be at once apparent the gain in yields that must result when the Cultivator is used, and the soil never allowed to crust or cake after heavy rains, and the newly sprouted weeds, such as Mustard, etc., are killed at the same operation. It is impossible to cover Clover and Timothy seeds evenly and smoothly with any Harrow or Seeder attachment, but the **Hallock** does it to perfection. There is much to be learned in the using of any new Implement and in our opinion, we will notice next year many methods that were unnoticed in our first year of using. For weeding and cultivating, we know of no Implement that can compare with the **Hallock** in results, both in thoroughness and economy, and hand-hoeing and weeding is out of the question, and nearly unnecessary to any one who possesses a **Hallock Weeder.**

Signed, Sam. J. Nesbitt, Petite Cote.

" John Nesbitt, Petite Cote.

" Thomas Ramage, Petite Cote.

" Etienne David, Petite Cote.

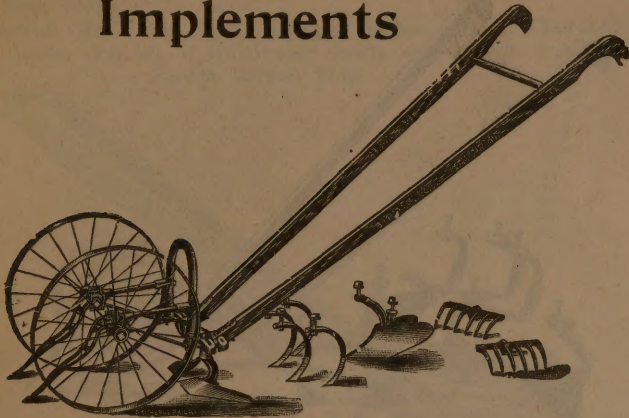
" Narcisse David, Petite Cote.

" M. Jarry, Cote St. Michel.

" Z. Gagnon, Cote St. Michel.

The above are amongst the largest Potatoes and other root growers in Canada, and all thoroughly practical men,

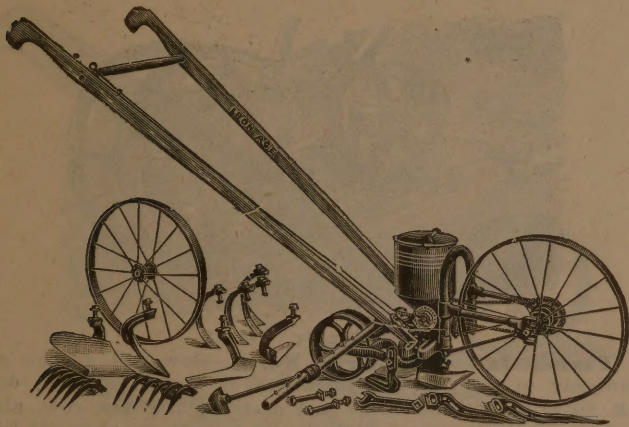
Implements



"Iron Age," No. 1 Combined Double and Single Wheel Hoe.

"Iron Age," No. 1. Combined Double and Single Wheel Hoe—Can be changed into a Single Wheel Hoe, in a few minutes. It is strong, with high wheel and light. \$3.

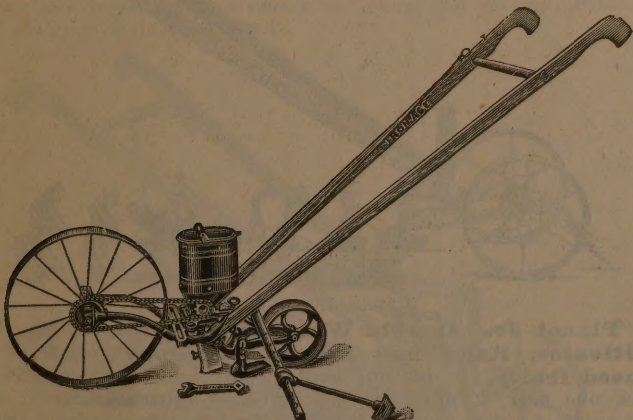
"Iron Age," No. 3. Single and Double Wheel Hoe—With side hoes only. \$4.50.



"Iron Age," No. 6 Seeder and Wheel Hoe.

"Iron Age," No. 6. Combined Double and Single Wheel Hoe Hill and Drill Seeder—Is first among our list of garden implements. Combined in this tool, there are three distinct and thoroughly practical tools, a Hill and Drill Seeder, a Double Wheel Hoe and a Single Wheel Hoe. Will sow small seed, from lettuce to the size of corn. \$12.

"Iron Age," No. 7.—The same as No. 6, but is a Hill and Drill Seeder, only \$9.



"Iron Age," No. 18.

"Iron Age," No. 4. Combined Double and Single Wheel Hoe and Drill Seeder—Is somewhat similar to No. 6 Combined Double Wheel Hoe, Hill and Drill Seeder. It only differs in the seed sowing device and opening Plow. Both tools as Double and Single Wheel Hoes are identical, but No. 4 only sows in drills. \$11.50.

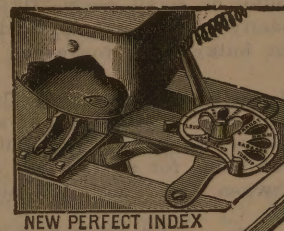
"Iron Age," No. 5.—The same as No. 4, but is a seed drill only. \$8.50.

"Iron Age," No. 15. Combined Single Wheel Hoe, Hill and Drill Seeder—Combines a Hill and Drill Seeder, and Single Wheel Hoe. The seed sowing device sows the seed in a continuous row, or drops in hills at 4, 6, 8, 12 or 24 inches. It ploughs, rakes, opens, furrows, covers hills, hoes and cultivates. \$11.

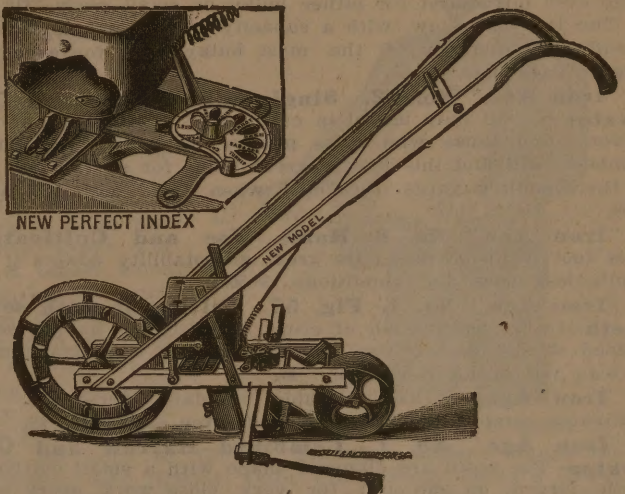
"Iron Age," No. 16.—Is the same as No. 15 as a Hill and Drill Seeder only. \$8.50.

"Iron Age," No. 17. Combined Single Wheel Hoe and Drill Seeder—It does the same work as No. 15, but only sows in drills. \$10.

"Iron Age," No. 18. Drill Seeder—Is the same as No. 17, but is a Drill Seeder only. \$7.50.



NEW PERFECT INDEX



New Model Seed Drill.

NEW MODEL SEED DRILL.

The New Model will save you time and money. It is the best, the surest and easiest operated drill in use.

Is perfect in all its parts. The Index or indicator is convenient and reliable. The names of the principal seeds to be sown are plainly shown on the index. The Cut off to stop the flow of seed, can be instantly operated from the handles. The Marker is easily adjusted and is held firmly. The Wheel is unusually wide, preventing it sinking in soft earth. The Covering Roller is attached by a swinging frame, enabling the operator to roll lightly or otherwise. The Opening Plough is of steel, and adjustable in depth. The complete machine weighs only 35 lbs.

Price, Packed for Shipment, \$8.00.



"Iron Age," No. 22.

"Iron Age," No. 22. Combined Fertilizer Distributor, Hill and Drill Seeder—Sows fertilizers and seeds in one operation, the fertilizer being distributed in two narrow streams. The plows are adjustable in depth and width, giving the gardener the privilege of placing the fertilizer as near or as far from the seed as he desires. \$18.50.

"Iron Age," No. 8. Hill and Drill Seeder—Market gardeners will find this machine one of the best hill and drill tools ever introduced for either bulky or small seeds. \$10.50.

The Hopper is low, with a capacity of four quarts, holding a sufficient quantity of the most bulky seed for even the largest gardeners.

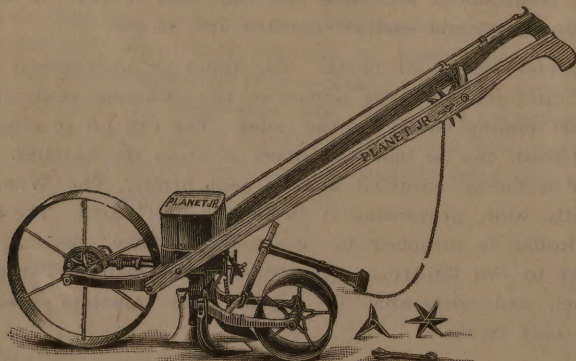
"Iron Age," No. 12. Single Wheel Plow and Cultivator—Is not only useful in cultivating vegetables, but also flowers, and those who raise poultry, even in very limited numbers, will find this tool of great value for stirring the soil in their poultry yards, especially when fitted with the plow. \$3.50.

"Iron Age," No. 6. Horse Hoe and Cultivator—This tool is up to date. Its great adjustability adapts it for numberless uses and conditions. \$8.50.

"Iron Age," No. 1. Fig. 57. Cultivator with seven Teeth—In the cultivation of crops, a cultivator having seven instead of five teeth is very desirable, and of this arrangement we can not speak too highly. \$8.

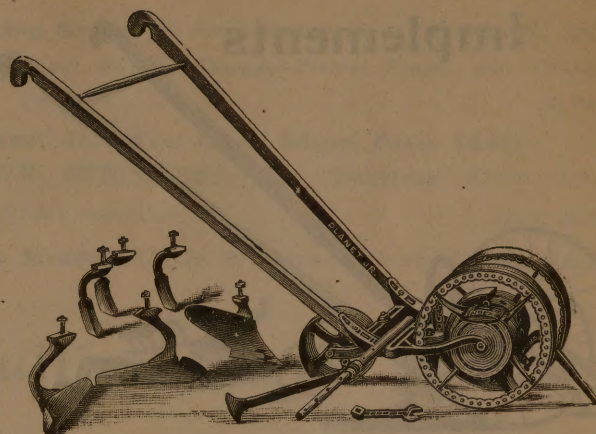
"Iron Age," "Dixie" Double Standard Horse Hoe and Cultivator combined, with wheel and lever expander. \$6.

"Iron Age," No. 1. Combined Harrow and Cultivator—The teeth are diamond shape with a small cultivator tooth forged on one end; for very close work, every other tooth can be quickly removed. We furnish this tool, when ordered, in its plain form or with the addition of the lever expander, plain or lever wheel, cultivating width when equipped with lever expander 34 inches; with plain expander 38 inches. \$6.50.



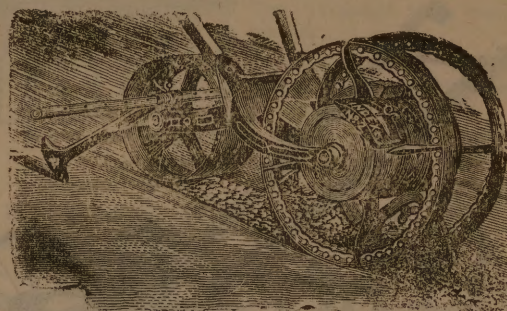
Planet Jr., No. 3.

"Planet Jr." No. 3. Hill and Drill Seeder.—Will sow a great variety of seed, almost any depth or thickness, and will do it rapidly and perfectly; is simple, strong and easily adjusted, and does not get out of order. Price, \$12.25.



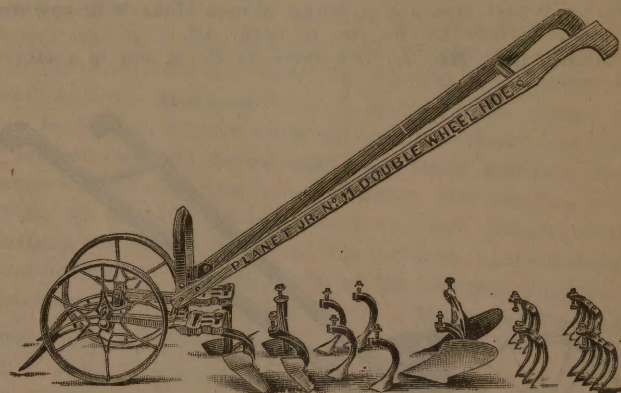
Planet Jr., No. 1.

"Planet Jr." No. 1. Combined Seed Drill and Cultivator, Double Wheel—Is the best combination of implements on the market. THE SEEDER HOLDS ONE QUART OF SEED. For the care of the crop, it is supplied with a pair of Rakes, a pair of Hoes, three reversible Cultivator Teeth and a garden Plough. Price boxed, \$12; without Rakes, \$11.25.



Planet Jr., No. 2.

"Planet Jr." Seed Drill No. 2.—Sows all garden seed accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the new row, all at one passage, in the most perfect and reliable manner. It holds $2\frac{1}{2}$ quarts. It has no cams, levers, brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; it is remarkable for simplicity, strength, and for ease and perfection of work in the field. Price, boxed, \$8.75. Weight, packed, 40 lbs.



Planet Jr., No. 11.

"Planet Jr." Double Wheel Hoe Complete, No. 11. Cultivator, Rake and Plough combined with Improved frame.—It has one pair of 4 in. and one pair of 6 in. hoes, one pair of ploughs, two pairs of cultivator teeth, and two pairs of rakes, and is capable of performing every variety of gardener's work with ease and despatch. Price, \$10.50.

"Planet Jr." No. 12. Double Wheel Hoe.—Has the following attachments: one pair of 6-inch hoes, two pairs of cultivator teeth, one pair of ploughs. Price, \$8.25.

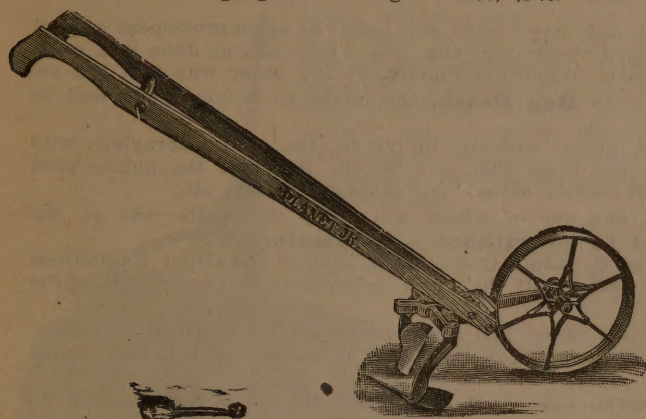
"Planet Jr." No. 13. Double Wheel Hoe.—With 6-inch hoes only. Price, \$5.50.

"Planet Jr." No. 16. Single Wheel Hoe.—Has one pair of Hoes, one set of Cultivator teeth, one plough and two Rakes. Price, \$6.75.



Planet Jr., No. 17.

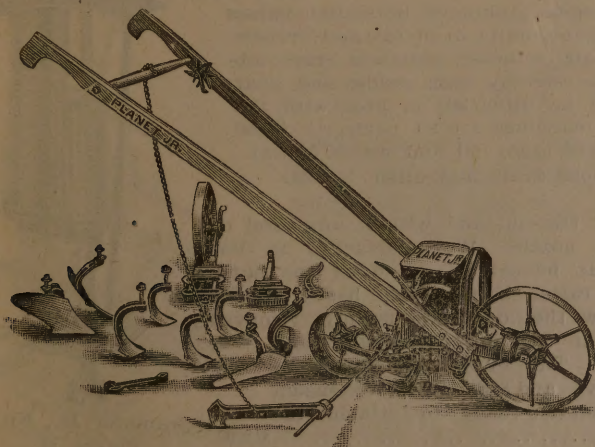
"Planet Jr." No. 17. Single Wheel Hoe, Cultivator and Plough.—Has one pair of 6-inch Hoes, three Cultivator teeth and a large garden Plough. Price, \$5.75.



Planet Jr., No. 18.

"Planet Jr." (Plain Single Wheel Hoe), No. 18.—A capital tool for Onion cultivation or weeding any root crop in the early stages of growth. Two Hoes only. Price, \$4.

"Planet Jr." Twelve Teeth Harrow, Cultivator and Pulverizer.—Is the very best tool known for its purpose. Frame is high, blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface. The recurved throat of the tooth and the high frame prevent clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. Price, \$10.50; without Pulverizer, \$8.50.



Planet Jr., No. 25.

"Planet Jr." No. 25. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plough.—It practically combines in one tool the No. 4 Drill and No. 12 Double Wheel Hoe. Price, \$15.75.

"Planet Jr." Double Celery Hiller.—This is a most useful tool and does the work at a third of the cost of hand labor. The Hilling moulds are 43 inches long, and will earth up rows up to 4 feet apart. Price, \$13.50.

Two-Hand Corn Planter

"KING OF THE FIELD."

Steel Points, Sheet Iron Seed Box and Slide.

The dropper is adjustable and the slide is made in two parts taking the wear off the brush.

Price, \$1.50.

THE LITTLE GIANT HAND BROADCAST, GEARED SEED SOWER.

Price, \$1.75 each; Agents Wanted.

(The greatest labor-saving invention of the age).

Will save one-half the labor and one-third the seed over hand sowing, besides greatly increasing the crop by the more equal distribution of the seeds.

Is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does, and durability. Don't pay \$5 for a seeder when you can get its equal for less money. Man or boy can sow on hilly, stumpy, stony and rough, as well as on clean and smooth ground, perfectly even and any quantity (1 quart to 8 bushels), per acre of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Barley, Oats, Corn, Peas, Orchard Grass, Blue Grass, Red Top, or other seed, Fertilizers and Ashes, with ease to the operator. Will sow at a round 30 to 50 feet. A man walking at the rate of three miles per hour will sow 90 acres of wheat or 65 acres of clover seed in a day of ten hours. Many thousands are sold annually, and in every instance have received farmers highest commendations.



THE CAHOON SEED SOWER.

By the turning of the crank, the same breadth of ground is sown as the little Giant does. Is a complete sower in every way, and strongly made.

Price, \$4.00.

Corn Sheller

Wood's... ..Price, \$2.50
Barral's... .." 10.00

Churns

No. 5, Improved cylinder, 10½ gallons .. " 4.00
No. 1, Lightning, 6 gallons.. .. " 2.75

QUEEN

Corn Planter and Fertilizer Distributor

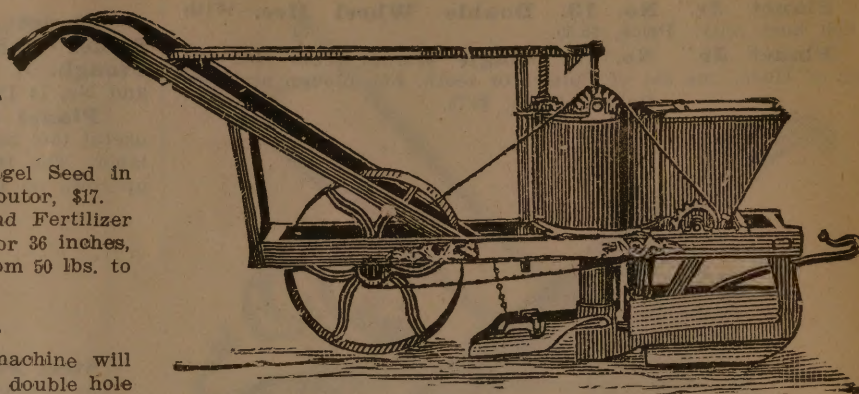
COMBINED.

For planting Corn, Beans, Peas, Beet or Mangel Seed in Hills and Drills. Price, without Fertilizer Distributor, \$17.

This Planter is easily adjusted to drop Seed and Fertilizer in hills or drills as follows:—It will drop 6, 12, 24 or 36 inches, or drop 7, 15, 30 or 45 inches, and will distribute from 50 lbs. to 450 lbs. of Fertilizer per acre. Price, \$25.

MOUNTVILLE CORN PLANTER.

In planting with the single hole rings, this machine will plant 10, 12½, 15 and 18 inches apart, and with the double hole rings, 20, 25, 30 and 36 inches apart. Price, \$15.50.



"Queen" Corn Planter and Fertilizer Distributor.

SPRAYING APPLIANCES

CENTRAL EXPERIMENTAL FARM REPORT

A **Spramotor** has become a "recognized necessity" and has so many uses that we will only name some of the principal ones affecting the farmer and fruit grower.

The spraying of fruit trees and crops for the prevention of fungi and insect pests will result in an improvement of over 80 p.c. Spraying Potatoes with Paris Green, dissolved in water and killing the Potato bug, costs less, can be done in a great deal less time, and much more effectively than by dusting with Paris Green and Plaster, or any other way that has yet been tried. If Paris Green be added to the Bourdeaux mixture, or with **Bug Death**, the blight in Potatoes can well be retarded or altogether prevented, and the bugs destroyed as well.

Destroys Wild Mustard (Charlock or Herrick) in the growing grain without injury to the crop. Spraying with disinfectants prevents disease among cattle and other animals; kills the Horn Fly, and thereby improves the butter yield one-third; washes sheep better than any other method, paints or whitewashes barns, out-buildings, fences, etc.

When all these operations and many others can be performed, any one of which will repay the entire cost of the apparatus, certainly no person having such work to do **can afford to be without a Spramotor.**

The Spramotor has been proven both in actual Contest under the Canadian Government, and at the Great Exhibitions of the Pan-American at Buffalo, the World's Exhibition at Glasgow, and at all the great exhibitions in Canada to be the most useful combination for the purposes above stated.

All the Spramotors are made with brass ball valves, with detachable cages, and seats, brass automatic or self-adjusting plunger, Patent screen or strainer, brass plunger tube, brass base castings and couplings, and if so ordered will be supplied with all parts in brass except the handles and plates.

An 80 page Treatise and Catalogue will be supplied with each order, or we will send it free by mail on application.

We strongly recommend this most excellent machine as the best all-round sprayer of which we have any knowledge. We keep a full line in stock, which we shall be pleased to show intending purchasers.

The Spramotors for Barrels, Casks and Tanks.

No. 0. Spramotor only, \$6; extra for all brass, \$2.00.

No. 1. Spramotor only, \$10; extra for all brass, \$3.00.

No. 2. Spramotor only, \$13; extra for all brass, \$3.00.

All are fitted with automatic self-packing plunger, brass ball valves with independent detachable cages, automatic dash agitator, renewable strainer. The No. 2 has a brass air chamber, seamless brass tubing, and all parts are interchangeable, strictly high grade, and guaranteed perfect. When so ordered, will be fitted all in brass with the exception of handles and plates. These machines are so perfectly fitted they can be worked in combination. Will apply oil and water in any proportion for the destruction of San Jose Scale and other insects.

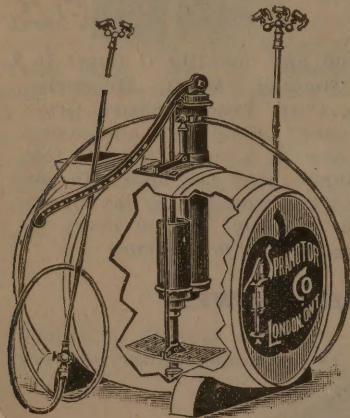


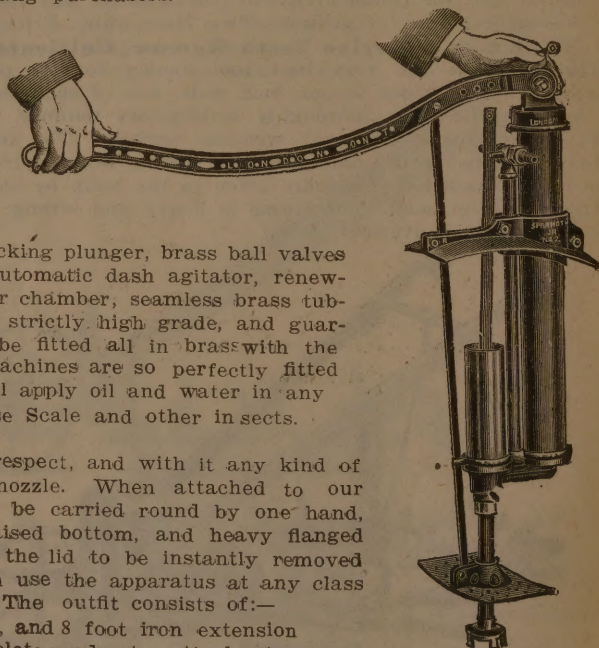
Figure 19.

OUTFIT No. 0-G—This outfit is complete in every respect, and with it any kind of work can be done that can be accomplished with one nozzle. When attached to our patent five gallon can, it is a most portable device, can be carried round by one hand, or by means of the handles provided. The can has a raised bottom, and heavy flanged rim, on which the can rests. Our patent catches allow the lid to be instantly removed which effectually prevents any splashing, and a lady can use the apparatus at any class of work or any kind of mixture, and not soil her dress. The outfit consists of:—

One Spramotor, Jr., No. 0, with 10 feet of hose, hand valve, and 8 foot iron extension pipe, Patent Drip guard and one Spramotor nozzle, complete ready to attach to half barrel \$10.00
Extra for heavy galvanized 5 gallon can, as figure No. 7, etc. 2.00



Spramotor Jr. No. 0 with tank Fig. No. 7



Spramotor Jr., No. 2 Figure 14.

OUTFIT No. 1-E—One Spramotor, Jr. No. 1, including one line of half inch hose 10 feet long, with couplings attached, one patent hand valve, one 8 foot iron extension rod, drip guard, and one nozzle... \$14.00
 Extra for 2-nozzle cluster... 1.25
 Extra for 3-nozzle cluster... 2.10
 Extra for Bamboo Rod... 1.50

OUTFIT No. 2-E—Spramotor, Jr. No. 2, with one line of hose 10 feet long, with couplings attached, brass hand valve, 10 foot bamboo extension rod, with brass, cupped ends and drip guard, one Y connection, and two Spramotor nozzles, without barrel... \$20.00
 Same with double lines and accessories... 26.50
 Same with Iron Extension Pipe, single line... 18.50
 Same with Iron Extension Pipe, double line... 23.00
 Same with 3 nozzle cluster, single line... 20.85
 Same with 3-nozzle cluster, double line... 29.20

SPRAMOTOR PAINTING AND WHITE-WASHING MACHINE.

This illustration shows a type of Spramotor that has been sent all over the world for the application of oil and water paints. It is intended to be used wherever the ground or floors are hard. The wheels are strong, and are fitted with our strong swivel castor. It is very convenient in handling; will pass through any opening the width of the cask. The Spramotor can be fitted lengthwise of the cask, if desired; can be turned within its own length; can be handled by one person, and has all the latest improvements.

Price, as illustrated, with 10 feet of hose, patent hand valve, 8 foot extension tube, drip guard, and painting nozzle, barrel and screen, complete as follows:—

With No. 1 Spramotor as illustrated and described... \$22.00

If with double lines of hose and accessories... \$28.00

Brass agitator, extra... \$1.00

With No. 2 Spramotor and single line of hose... \$27.00

If with No. 2 Spramotor, double

lines of hose, and accessories \$32.00.

Extra for all brass Spramotor, No. 1 or No. 2... \$3.00

Extra hose at 12c. per foot.

SPRAMOTOR COMBINATION MACHINE FOR APPLYING CRUDE OIL AND WATER.

Geo. E. Fisher, inspector of San Jose Scale in Ontario, says: "Your Spramotor is the only reliable sprayer I know of for the application of oil and water."

The machines are made for operating one to eight nozzles, and are fully warranted to do accurate work, and as the oil and water are separate until they mix

at the nozzle, the trouble experienced with all other machines of single conduits is obviated.

There are two pumps, one for oil and one for water, which are so arranged that any percentage may be got by changing the relative length of stroke. The action throughout is positive, the oil and water being forced through separate channels to the nozzle, which is absolutely necessary because of the great difference in their specific gravity.

Any two Spramotors can be arranged to make a combination machine, and special appliances will be supplied to those already using a Spramotor. Prices on application.

OUTFIT A-0-0.

Price for two No. 0 Spramotors in combination with 10 feet double lines of hose; two patent hand valves; double combination, extension pipe with mixing chamber, diaphragm and drip guard, with 50-gallon water barrel, and galvanized oil tank, complete as shown with one nozzle. (Fig. 21)... \$29.00

OUTFIT B-1-0.

Price of No. 1 Water Motor and No. 0 Oil Motor in combination as described in outfit A, with two nozzles... \$35.00
 Extra for double lines of hose, etc., for three operators, and two nozzles, on each line... 10.50

THE SPRAMOTOR KNAPSACK.

Can be used for all classes of spraying with one operator, is made with all brass Spramotor with copper or galvanized tank, as desired, with or without the oil mixing attachment.

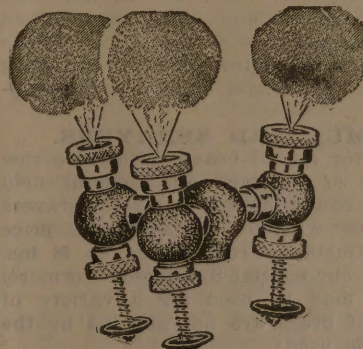
The tank is of finest cold rolled copper, with apron to prevent splashing, leather straps, right and left hand action without detaching anything (simply turning it over from one side to the other when one arm is tired). Automatic plunger, automatic mechanical agitator, strainer, detachable bronze ball valves, 3 feet of hose, hand valve, brass extension pipe with drip guard, and nozzle... \$15.00
 Same if with galvanized tank... 12.00

SPRAMOTOR IMPROVED VERMOREL NOZZLES.

(Figure 42.)



Painting or Whitewashing Nozzle. Fig. 42.



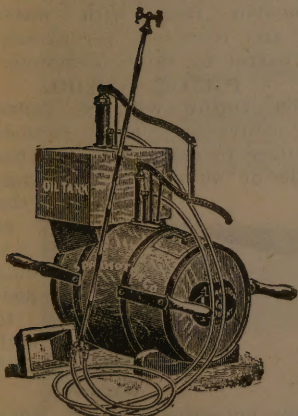
Improved Three-Nozzle Cluster for ordinary spraying or for Kerosine Emulsion. Fig. No. 44. Price complete, \$2.70.

This illustration shows our Painting and Spraying nozzle. The greatest care is taken in its construction. The spray is forced, and it is warranted to give perfect satisfaction for the very finest vapor spray in a bush form, and is unexcelled for painting, whitewashing, or spraying of mechanical mixtures or pure oil for scale parasites. It is provided with disgorger, and can be cleaned in a moment. By mail, 80c.

Two-nozzle cluster, by mail... \$2.00



Painting and Whitewashing Machine. Fig. 4.



For applying mixtures of Kerosine or Crude Petroleum. Fig. 21.

THE HORSE-POWER SPRAMOTOR MODEL, 1904.

This machine is just what is wanted for extensive orchards and large farms, for spraying Potatoes, Mustard in Grain, Fruit Trees and all small fruits, and includes wagon, 50 gallon cask with tank filler attachment. No. 4 Duplex Spramotor, and 4 rows above and below Potato Sprayer with 10 ft. of hose, one-hand valve, one-ten foot Bamboo Extension Rod with Drip Guard, patented 4 nozzle-ring cluster for tree spraying, all complete, \$115.00.

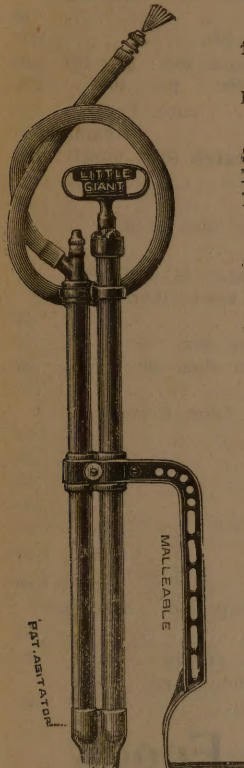
We shall mail on application a pamphlet containing illustrations and particulars regarding this new invention, and we will have a machine on exhibition at our warehouse, and would ask all those interested to call and inspect it. Write for complete circular.

No. 2 Aylmer Spray Pump, including 10 feet of hose and couplings, \$10. Nozzles and other attachments same prices as for Spramotor attachments.

Myer's Improved Brass Barrel Spray Pump, with 5½ feet Rubber Hose, Dasher Agitator and Spraying Nozzle, complete, \$9.50.

Myer's Little Giant Brass Bucket Spray Pump—With agitator, hose, Imperial combination nozzle, throwing a fine or coarse spray or solid stream, and malleable foot rest. **Price, \$3.50, with extension rod, \$4.00.** Is a most practical and useful spray pump, for small places. It will throw a stream 40 to 50 feet, and besides spraying can be used for washing windows, buggies, etc.

Myer's Knapsack Spray Pump—Tank holds five gallons, and is fitted with lid and strainer. The Pump is of brass, with large air chamber, ball valves, solid plunger and agitator, and fitted with 5 feet rubber hose, extension pipe and nozzle. By placing the tank on the ground it can be used as a Bucket Spray. The handle lever can be shifted from right to left shoulder at will. Is a particularly handy Spray Pump, and very cheap for the work it can accomplish. **Price, \$10.**



Little Giant.

THE "IRON AGE" BARREL TRUCK.

This Truck is equipped with steel wheels 3½ inch tread, Sprinkler attachment for watering lawns, Leaf Rack and box, the latter makes a very fine dumping hand-cart. Price for above complete, \$28.50, or would sell any one attachment separately.

WEATHERPROOF COLD WATER PAINT MAGNITE.

The best fire resisting paint made, specially designed for use in and about Farm Buildings, Factories, Hotels, Breweries, Private Residences, etc. A good sanitary paint taking the place of oil paint at half the cost. 5 lbs. will make one gallon. Price, 5 lbs. packages from 9c. to 15c. per lb. according to color required, special prices for larger quantities on application.

THE FAULTLESS SPRAYER. (See cut below.)

Tin \$.60 each

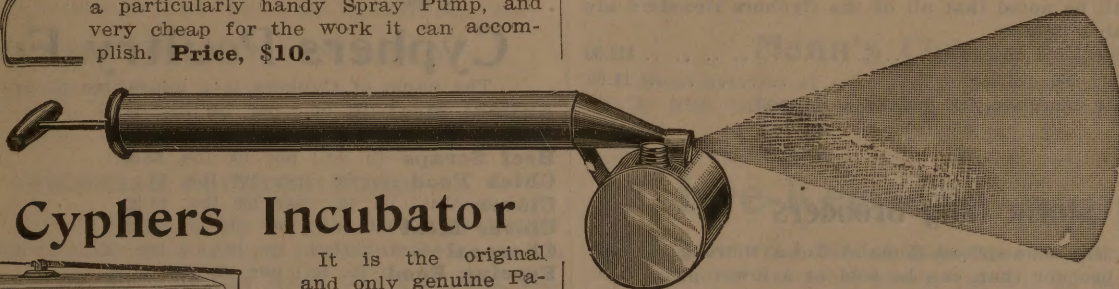
Brass 1.00 "

The Faultless Sprayer throws a spray as fine as mist, and a small boy will kill all the "old shellbacks" on 1000 hills of potatoes for a cent. Is a simple, light and an indispensable exterminator of insect pests. Its shape is such that it spray up or down, and all the liquid is pumped out in the finest possible spray, leaving but a spoonful in the can.

It sprays any liquid or solution on potato vines, small fruits, house plants, conservatory plants, cut flowers, poultry and live stock, will dampen clothes and tobacco.

DOUBLE TUBE LIGHTNING SPRAYER, GLASS RESERVOIR.

On account of having two tubes it about doubles its capacity. \$1 each



The Cyphers Incubator



It is the original and only genuine Patent-diaphragm, Non-moisture and Self-ventilating incubator. It is used with uniform success on 26 Government Experiment stations in the United States, Canada, Australia and New Zealand; also by a majority of America's best known poultrymen, and by thousands of persons in every walk of life. Winner of Gold Medal and highest award at the Pan-American

Exposition, October, 1901.

Cypher's Incubators are being shipped to every country on the globe where poultry is grown for market. Their un-

equaled work at home and abroad has earned for them the title of "**The Standard Hatcher of the World.**"

Every Cypher's Incubator is sold under a positive agreement that it will do satisfactory work in the hands of any purchaser who will give it a fair trial, or it can be returned and the price paid for it will be refunded. As agents for the Cypher's Incubators, we are authorized to stand back of this guarantee in every particular.

For proof of the superior qualities of the Cyphers, send for illustrated, descriptive circular, mailed free, or call on the undersigned and examine the machine personally.

You save freight by purchasing of us. We sell them at Factory prices, free on board cars at this point.

Price List of Cyphers Incubator

No. 0—60-Hen Eggs, 48-Duck Eggs	\$15.00
No. 1—120-Hen Eggs, 100-Duck Eggs.	21.00
No. 2—220-Hen Eggs, 190-Duck Eggs.	26.00
No. 3—360-Hen Eggs, 290-Duck Eggs.	32.50

For larger sizes special prices on application.

All leading Poultry raisers use it and the **Poultry Manager of the Central Experimental Farm at Ottawa, says:**

"I have found the Cypher's Incubator gives better results than any other make."

LOW-PRICED INCUBATORS.

There is a considerable demand for a low-priced incubator, and while we do not have great faith in other than the very best machines, we believe that we are warranted in offering such a machine as can be purchased by people who wish to attempt artificial incubation, and yet not risk a great amount of money. This machine is manufactured by the Cypher's Incubator Company, and while it is not as good a machine as their standard incubator, it is a better machine than any other low-priced incubator on the market, and will, under ordinary, favorable conditions, hatch a good percentage of the eggs entrusted to it. These machines are made of kiln dried lumber, and all joints are thoroughly glued together and fastened with cement-coated nails.

The regulating device of these machines is simple and very effective.

The main difference between the Farm Economy and the Boys' Choice is that of size; and the fact that the Boys' Choice has only a single wall, while the Farm Economy has double walls. Being smaller, the Boys' Choice has no nursery, yet is equipped with lower diaphragm attached to bottom of egg tray. Both are self-regulating, self-ventilating and non-moisture incubators.

We believe them to be better than any other incubators on the market of like capacity, and price.

Boys' Choice 50 eggs..... \$8.25

Farm Economy, 100 eggs..... 12.50

Cypher's Complete Illustrated Catalogue of 212 pages mailed free on receipt of 10c. for postage and other Booklets and Pamphlets on Poultry subjects mailed free to all applicants.

Cyphers Separate and Sectional Brooders

The Cyphers Company especially prides itself on the three-apartment Out-door Brooder it manufactures. They unhesitatingly guarantee this to be the best brooding device on the market, for either indoor or outdoor use, regardless of price, and it will be noted that all of the Cyphers Brooders are sold at reasonable figures.

Style B—Indoors, 100 chicks..... \$12.50

" A—Outdoor, 100 chicks..... 14.00

Two Section, all complete, 200 chicks Special
Three " " " 300 " prices on
Four " " " 400 " application.

Storm King Brooders

Recognizing the wide-spread demand for a thoroughly well made practical brooder than can be sold at a lower price than the Cyphers standard style "A" Brooder, we have made arrangements with the Cypher's Incubator Company for the sale of their Storm King Brooder. This is a combined brooder and colony coop manufactured in two sizes. The No. 1 has a floor space 24 x 39 inches and is 50-chick capacity; the No. 2 has a floor space 28 x 45 inches, and is 75-chick capacity. The construction of the brooders permits the heating device to be taken out, giving the chicks the entire floor space and making a full capacity cool brooder. When it is time to wean the chicks from the cool brooder and provide them with roosting quarters, the entire floor space of this brooder, together with the lamp slide and other working parts, may be removed and roosts placed on the floor cleats inside the brooder, thus making a well-lighted, well-ventilated colony roosting coop.

While the Storm King Brooder is not for all purposes as serviceable or as satisfactory a brooder as the Cypher's Standard Style "A," we believe that it is more satisfactory than any other low-priced brooder on the market.

Prices: (knocked down ready for shipping) No. 1, 24 x 39 inches, \$8.25; No. 2, 28 x 45 inches, \$11.

Cyphers Poultry Supplies

Brooder Metals for Styles A and B Brooders—Per set.....	\$6.50
Chick Shelters—3 x 6 feet complete.....	each 5.50
" " 3 x 12 complete.....	" 9.00
Caponizing Sets—Pilling's.....	" 3.00
Egg Testers—Practical.....	" 1.25
" X-Ray.....	" .35
Shipping Boxes—For 15 eggs per doz. \$1.60; for 30 eggs, per doz.....	2.00
Boxes Ideal—Paper. Per 2 doz. 60c.; per doz.....	.35
Food (Dry) Hopper—Galvanized zinc, for hanging.....	ea. 1.00
Grit and Shell Boxes—Galvanized zinc, for hanging each.....	.65
Leg Bands, Climax—Per doz. 25c.; per 100.....	1.30
Improved Champion—Per doz. 20c.; per 100.....	1.00
Smith's Sealed—Per doz. 30c.; per 100.....	1.80
Lamps, Incubator.....	each \$1.25 to 1.50
" Brooder.....	each 1.65
" Burners—Large.....	each 60c.; small .40
" Wicks.....	each .05
Nest Box—Hawkeye Pedigree.....	" 1.50
" Wire.....	Per doz. \$1.90; " .20
" Setting.....	" .45
" The "Vigilant." Immediately the egg is dropped, it rolls into the lower section, is kept clean, and the hen cannot get at it.....	each .45
" Eggs—Medicated.....	per doz. 75c.; " .10
" Porcelain.....	per doz. 30c.; " .05
Powder Gun—Jumbo.....	" .25
A very handy Duster for applying Lice Powder.	
Poultry Marker—Perfect.....	each .60
Roost Hangers—Anti Lice.....	per pair .25
Thermometers—Incubator.....	each .65
" Brooder.....	.60
Water and Food Holders—Hallow's	1 gal. .90
" " " " "	2 gal. 1.25
" " " " "	3 gal. 1.60
Water Fountain—Galvanized Zinc, small 35c.; medium 45c.; large.....	.65
" Fountain—Galvanized Zinc. Duck special.....	each .85
" Wall Fountains—Galvanized Zinc, 1 gal. 75c.; 2 gal.....	1.00

Cyphers Poultry Foods

The name of Cyphers is a guarantee of excellence.

Animal Meal—lb. 5c.; per 100 lbs. \$4.25.
Blood Meal—lb. 5c.; per 100 lbs. \$4.25.
Beef Scraps—lb. 5c.; per 100 lbs. \$3.50.
Chick Food—lb. 5c.; per 100 lbs. \$3.
Clover—Cut. lb. 4c.; per 100 lbs. \$2.25.
Clover Meal—lb. 4c.; per 100 lbs. \$2.25.
Charcoal—Granulated. lb. 10c.; 3 lbs. 25c.; 10 lbs. 50c.
Forcing Food—lb. 4c.; per 100 lbs. \$2.75.
Laying Food—lb. 4c.; per 100 lbs. \$2.75.
Oyster Shells—Ground. Poultry size. lb. 2c.; 100 lbs. bag 90c.
" Ground. Pigeon size. lb. 2c.; 100 lbs. bag \$1.
Grit—Silica poultry, lb. 2c.; 100 lb. bag \$1.
Bone—Granulated, 5 lbs. 25c.; 10 lbs. 40c.; 100 lbs. \$3.00.
Mixed Grain for Poultry—From \$1 to \$1.50 per 100 lbs.

Poultry Remedies

Cypher's Egg Stimulant—Is a Tonic or Condition Powder for promoting the general health of poultry. pkt. 35c.

Cypher's Perfect Poultry Remedy—Ten vials specific medicines in cloth covered case, \$3.50.

Cypher's Lice Killer—(Powder). pkt. 30c.

Conkey's Roup Cure—Small boxes, each 50c.; large \$1. It is the only remedy that will positively cure Roup. Use in drinking water. Full directions on every box.

Rust's Liquid Lice Killer—Quart tin 40c.

New Sulphated Carbo Lice Killer—Pound tin, 15c.
Easy to apply. Directions on every tin.

Rust's Havens Roup Pills—Box of 48 pills 25c., post-paid 30c.

In order to feed cattle economically and to secure the best results, Root crops and Corn must be grown, so we enumerate a few things that we specially recommend, viz. **Giant Yellow Intermediate** and **Mammoth Long Red Mangel** (cut of latter see page 32.) **Clyde Swede**, **Queen of the Danes Sugar Beet**, and **Champion White Pearl**, **Leaming, Clouds Early Yellow Dent Corn**.

Ewing's Improved Calf Meal

Is Especially Adapted for the Rearing of CALVES, LAMBS, FOALS and PIGS.



This meal is composed of ingredients that are so scientifically balanced as to be a perfect substitute for milk, supplying the solids that are to be found in New Milk and the perfect preparation renders it highly digestible even on the delicate stomachs of very young calves. In its chemical properties it is AN EXACT COUNTERPART OF MILK, and, though highly concentrated is yet easily digested, and is rich in oleaginous or fatty matter—in nitrogenous or flesh-forming substances, and also in sugar.

Any one interested in Stock Raising Would do Well to Try this Food.

Printed Instructions Furnished, and all Inquiries Cheerfully Answered.

Put up in 25 lb., 50 lb. and 100 lb. Bags,
Per 100 lbs. \$4.00.

OIL CAKE MEAL—We have always used the greatest precaution to obtain only the purest and richest Meal in the market, and we are gratified to hear so many expressions of satisfaction from our numerous customers. 100 lbs., \$1.60.

Prices by the Car Load or Ton on Application.

COTTON SEED MEAL—We recommend Cotton Seed Meal, being used in conjunction with oil Cake Meal, in the proportion of 2 lbs. of the former to 3 of the latter. 100 lbs. \$1.50.

Prices by the Car Load or Ton on Application.

PURE LINSEED MEAL—Guaranteed pure. It contains nothing but Linseed, ground, and is not mixed with Oil Cake Meal or Cotton Seed Meal, to reduce its price. 100 lbs. \$4. 5c. lb.

Common Sense Calf Feeder

By means of this invention young calves feed themselves in the natural manner by sucking from a rubber tube as they would from the cow. The Feeders are attached to pails which are hung up, so cannot be overturned. Better calves can be raised by them feeding slowly, instead of gulping down the milk, and no time is lost holding the pails.

Price, single Feeder.. . . . \$1.75 Price, double Feeder.. . . . \$2.50

"Colonial Stock Food"

THREE FEEDS FOR ONE CENT.

It is the Best, Safest and Cheapest to Use.

How's Your Live Stock?—This is a practical and very important matter to every stockman, or any one owning horses, cattle, sheep or hogs. On the health and vigorous condition of each animal depends the great question whether you are making or losing money with your live stock. If the animal is run down or the digestion becomes weak, then from one-third to one-fifth of the grain eaten is not assimilated, and passes through the animal undigested and worse than wasted. **It is not what an animal eats, but what is thoroughly digested that results in vigorous life and increased flesh.** Many animals with ravenous appetites never gain flesh, or at best very slowly. What is the matter? They eat twice as much as other animals that are gaining rapidly. It is simply a question of impaired digestion and assimilation. Not one animal in ten has proper digestion, and it is a well established fact to intelligent stockmen that fully one-fourth to one-fifth of the grain fed to stock is passed through the system without any benefit to the animal, and at a great loss to the feeder. "COLONIAL STOCK FOOD" was originated by a man who raised stock for years, and it

is a perfectly safe food for horses, cattle, sheep and hogs in any condition or any time of life. It is rich in nutrition and has a superior vegetable medication of seeds, roots and herbs. We have combined superior merits with unequalled cheapness. To use "COLONIAL STOCK FOOD" only costs stockmen

THREE FEEDS FOR ONE CENT.

We positively guarantee that our food will invigorate the stomach, liver and bowels, purify the blood, tone up the entire system, give perfect digestion and assimilation, and very rapid growth.

Directions.—We do not guarantee, nor can any intelligent man expect good results, unless you strictly follow our directions. They are plain and easy and remarkable results will be obtained. Our directions are based on results obtained from many years of practical use by thousands of stockmen. Generally, these directions need not be changed, but in some rare cases the best results may be obtained by decreasing or increasing the size of the feed herein given. Stockmen can use their own judgment in these matters. Remember, that "COLONIAL STOCK FOOD" is absolutely harmless for animals in working, growing, fattening, milking or breeding, and the size of feed can be increased with perfect safety.

Full Directions given on each package.

Price, lb. 15c.; 3 lb. pkt. 25c.; 6 lb. pkt. 50c.; 25 lb. pail, \$2.00.

The St. Lawrence Anchor Gate

"Single Farm Gates."	
Length, 10 feet.. . . .	\$3.25
" 12 "	3.75
" 14 "	4.25
Single strap hinges, 45c. to 60c. extra.	
Double strap hinges, \$1 to \$1.10 extra.	

**Best
Gate
IN THE . .
World**

"Ornamental Garden Gate Double."	
Length, 10 feet.. . . .	\$4.75
" 12 "	5.25
" 14 "	6.00
Double strap hinges, 65c. extra.	

We also have a small 3 foot Gate at \$2.



W. EWING & Co

GARDEN AND FARM TOOLS

SPRAY PUMPS
PLANET JUNIOR
AND
IRON AGE IMPLEMENTS

CYPHERS INCUBATORS
AND
POULTRY SUPPLIES

FERTILIZERS

142-146. MCGILL ST

COR. ST MAURICE & ST HENRY.

MONTREAL.